Town of Arlington, MA
Redevelopment Board

Agenda & Meeting Notice
April 27, 2022

This meeting is being held remotely in accordance with the Governor's March 12, 2020 Order Suspending Certain Provisions of the Open Meeting Law G.L. c. 30A, Section 20. Per Board Rules and Regulations, public comments will be accepted during the public comment periods designated on the agenda. Written comments may be provided by email to jraitt@town.arlington.ma.us by April 27, 2022 by 12:00 p.m.

The Arlington Redevelopment Board will meet Wednesday, April 27, 2022 at 6:30 PM in the **Join via Zoom at https://town-arlington-ma-us.zoom.us/j/89642661141, Meeting ID: 896 4266 1141, or by calling (646) 876-9923, Meeting ID 89642661141. followed by #.**

1. Continued Public Hearing Environmental Design Review Special Permit

6:30 p.m. **Docket #3690, 34 Dudley Street**

Notice is herewith given that an application has been filed on February 22, 2022 by 34 Dudley Street, LLC, 34 Dudley Street, Arlington, MA for PSI Atlantic Holdings VII, LLC, 530 Oak Court Drive, Memphis, TN to open Special Permit Docket #3690 in accordance with the provisions of MGL Chapter 40A § 11, and the Town of Arlington Zoning Bylaw Section 3.4, Environmental Design Review. The applicant proposes to construct a five-story self-storage facility containing between 740 and 780 storage units and make other site improvements at 34 Dudley Street, Arlington, MA in the I Industrial District. The opening of the Special Permit is to allow the Board to review and approve the development under Section 3.4, Environmental Design Review.

- Applicant will be provided 10 minutes for an introductory presentation.
- DPCD staff will be provided 5 minutes for an overview of their updated Public Hearing Memorandum.
- Members of the public will be provided time to comment.
- Board members will discuss Docket and may vote.

2. Adjourn

7:45 p.m. Adjourn to Annual Town Meeting

Town of Arlington, Massachusetts

Continued Public Hearing Environmental Design Review Special Permit

Summary:

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ATTACHMENTS:

Type	File Name	Description
Reference Material	EDR_Public_Hearing_Memo_Docket_3690_34_Dudley.pdf	EDR Public Hearing Memo Docket 3690 34 Dudley Street 03242022
Reference Material	34_Dudley_St_-_Renderings_(2022-04-21).pdf	NEW - 34 Dudley Street Renderings 04212022
Reference Material	34_Dudley_St_-_Site_Plan_Package_(2022-04-21).pdf	NEW - 34 Dudley Site Plan Package 4-21-2022
Reference Material	34_Dudley_St_-_Photo_Render-Rear_(2022-04-21).pdf	NEW - 34 Dudley Street Photo Rendering Rear 04212022
Reference Material	34_Dudley_St_-_Stormwater_Management_Report_(2022-04-21).pdf	NEW - 34 Dudley Street Stormwater Management Reports 04212022
Reference Material	34_Dudley_St_-_Security_Plan_(2022-04-19).pdf	NEW - 34 Dudley Street Security Plan

	Material		Security Plan 04192022
	Reference Material	34_Dudley_St_-_Signage_Plan_(2022-04-19).pdf	NEW - 34 Dudley Street Signage Plan 04192022
	Reference Material	FINAL-Arlington.MA.34_Dudley_St.Phase_I.pdf	NEW - 34 Dudley Street Environmental Site Assessment Phase I
	Reference Material	FINAL-Arlington.MA.34_Dudley_St.Phase_II_LSI.pdf	NEW - 34 Dudley Street Environmental Site Assessment Phase II LSI
	Reference Material	34_Dudley_Street_Combined_Application_materials_received_2-23-2022_web.pdf	34 Dudley Street Combined Application Materials received 02232022
	Reference Material	Presentation_34_Dudley_Street_Docket_#3690_2022-03-28.pdf	VHB Presentation Self-Storage Facility at 34 Dudley Street 03282022
	Reference Material	ARB_Comments_-_EDR_Public_Hearing_Memo_Docket_3690_34_Dudley_Street.pdf	ARB Comments - EDR Public Hearing Memo Docket 3690 34 Dudley Street 03242022
	Reference Material	Memo_from_Attorney_T._Falwell_on_behalf_of_Santini_Realty_Trust_03282022.pdf	Memo from Attorney T. Falwell on Behalf of Santini Realty Trust 03282022
	Reference Material	Correspondence_from_T._Falwell_received_3-30-2022.pdf	Correspondence from Attorney T. Falwell Received 03302022
	Reference Material	Correspondence_from_T._Falwell_received_3-31-2022.pdf	Correspondence from Attorney T. Falwell Received 03312022
	Reference Material	Correspondence_from_T._Falwell_received_4-21-2022_re_34_Dudley_Street_Docket_#3690.pdf	Correspondence from Attorney T. Falwell Received 04212022
	Reference Material	Correspondence_from_W._Evans_re_Docket_#3690__34_Dudley_St._received_3-24-2022.pdf	Correspondence from W. Evans received 03242022
	Reference	Correspondence_from_S._Moore_received_3-31-2022_34_Dudley.pdf	Correspondence from S. Moore

	Material	Correspondence_from_S._Moore_received_3-31-2022_34_Dudley.pdf	received 03312022
	Reference Material	Correspondence_from_H._Bourne_received_4-11-2022.pdf	Correspondence from H. Bourne received 04112022
	Reference Material	Correspondence_from_H._Bourne_received_4-11-2022_re_34_Dudley_Street.pdf	Correspondence received from H. Bourne 04112022 re 34 Dudley Street

Town of Arlington, Massachusetts

Department of Planning & Community Development

730 Massachusetts Avenue, Arlington, Massachusetts 02476

Public Hearing Memorandum

The purpose of this memorandum is to provide the Arlington Redevelopment Board and public with technical information and a planning analysis to assist with the regulatory decision-making process.

To: Arlington Redevelopment Board

From: Jennifer Raitt, Secretary Ex Officio

Subject: Environmental Design Review, 34 Dudley Street, Arlington, MA, Docket #3690

Date: March 24, 2022

I. Docket Summary

This is an application by PSI Atlantic Holdings VII, LLC, 530 Oak Court Drive, Memphis, TN, 38177 for 34 Dudley Street, LLC, 34 Dudley Street, Arlington, MA to open Special Permit Docket #3690 for the construction of a self-service storage facility containing between 740 and 780 storage units at 34 Dudley Street, Arlington, MA in the I Industrial District. The opening of the hearing is to allow the Board to review and approve the development under Section 3.4, Environmental Design Review Special Permit of the Arlington Zoning Bylaw.

The proposed building is a five-story, 58-foot tall, 95,706 square foot self-service storage structure. The facility would be staffed from 8:30am to 6:00pm Monday through Friday, with customer access between 6:00am and 10:00pm seven days per week. The facility would have four loading spaces, and 11 parking spaces provided in a surface parking lot. The Applicant is requesting relief from the number of required vehicular and bicycle parking spaces.

Materials submitted for consideration of this application:

- Application for EDR Special Permit, including an Environmental Impact Statement;
- Site photograph documenting existing conditions;
- Renderings of the proposed project, prepared by Premier Storage Investors and michael parker studios, dated February 9, 2022;

- Site Plans, prepared by VHB, dated February 9, 2022;
- Architectural plans and elevations, prepared by illuminate, dated February 9, 2022;
- Sign package, prepared by elro signs, dated December 20, 2021;
- Stormwater Report, prepared by VHB, dated February 2022;
- Stormwater Management System Operations and Maintenance Manual, prepared by VHB, dated February 2022;
- Stormwater Erosion and Sediment Control Plan, prepared by VHB, dated February 2022;
- LEED Scorecard and considerations, prepared by michael parker studios, dated February 15, 2022; and
- Trip generation and parking study, prepared by VHB, dated February 10, 2022.

II. Application of Special Permit Criteria (Arlington Zoning Bylaw, Section 3.3)

1. Section 3.3.3.A.
The use requested is listed as a Special Permit in the use regulations for the applicable district or is so designated elsewhere in this Bylaw.

A self-service storage facility is allowed by Special Permit in the I Industrial District. The Zoning Bylaw, in Section 5.6.1.B, indicates that the district allows uses requiring the manufacture, assembly, processing, or handling of materials which because of their traffic, noise, appearance, odor, or hazards would be disruptive to residential and other business uses. Other uses are allowed if they support the continuation of industrial uses in Arlington.

The Dudley Street industrial area, between Grove and Brattle Streets, is one of the larger industrial areas in Arlington. The I District spans from Grove Street at the Department of Public Works site to just northwest of Brattle Street. Directly south of the site are the Mill Brook and Wellington Park; to the north are the other industrial parcels with two-story buildings along Dudley Street, beyond which is the Minuteman Bikeway. To the east is a three-story commercial/office/warehouse building in the I District, and two three-story apartment buildings in the R5 District. Beyond Wellington Park to the south are the R5, B4, and R6 zoning districts.

The Board can find that this condition is met.

2. Section 3.3.3.B.
The requested use is essential or desirable to the public convenience or welfare.

The requested use is essential and desirable. The second goal in the Master Plan section on economic development is to "*Maximize the buildout potential of commercial and industrial properties"* (p. 10, 95). This proposal will 740 to 780 units of self-service storage to Arlington. The town has one other self-service storage facility, which is located on Brattle Court. The next nearest self-service storage facilities are in Medford on Route 16

and Cambridge on Concord Avenue. The use would replace an auto body and auto repair facility.

The Board can find that this condition is met.

3. **Section 3.3.3.C.**
The requested use will not create undue traffic congestion or unduly impair pedestrian safety.

As discussed in more detail under the EDR Circulation Criteria, the Traffic Impact Analysis shows a net reduction in trips to the site. The site presently has two curb cuts. The Applicant is proposing to close one and replace it with a sidewalk as part of the redevelopment of the site and to meet site standards requirements in Section 5.2.6(D). The Applicant proposes replacing the sidewalk along the frontage of the parcel, and installing a stop sign and "STOP" lettering at the parking lot exit. Ingress and particularly egress to the site from Massachusetts Avenue via Grove Street may be challenging for larger vehicles, such as moving trucks, as that intersection lacks a traffic light. This is a current condition for the existing self-service storage facility on Brattle Court as well.

It is not expected that the proposed project will unduly impair pedestrian safety.

4. **Section 3.3.3.D.**
The requested use will not overload any public water, drainage or sewer system or any other municipal system to such an extent that the requested use or any developed use in the immediate area or in any other area of the Town will be unduly subjected to hazards affecting health, safety, or the general welfare.

The site is developed and currently predominantly impervious. The Applicant proposes to reduce the impervious area on the site from 31,460 square feet to 26,291 square feet (-5,169 square feet). The Stormwater Report by VHB indicates that standards have been met with the proposed stormwater design, which includes a bioretention basin and deep sump hooded catch basin to collect stormwater prior to discharging it into a subsurface infiltration basin with an isolator row to treat stormwater before it is released. In addition, a modest number of landscaped areas will be added to the site resulting in a reduction of impervious area and quantity of stormwater flowing from the site, and an erosion control seed mix and erosion control mat will be installed on sloped areas leading down to Mill Brook.

On March 3, 2022, the Applicant presented a Notice of Intent for the project to the Arlington Conservation Commission. The Commission noted the impacts within the Riverfront Area to Mill Brook, 100-foot Adjacent Upland Resource Area, and buffer zone to the bank of the brook. The Applicant agreed to comply with any operation and maintenance conditions imposed by the Commission, add retainment trenches or berm at the limit of work to add to erosion controls during construction, and calculate the stormwater impacts using the NOAA+ standard. The Commission noted that the project

would improve existing conditions on the site. The proposed project will improve, not overload, public utilities. The Board can find that this condition is met.

5. <u>Section 3.3.3.E.</u>
Any special regulations for the use as may be provided in the Bylaw are fulfilled.

As a condition of any decision for the requested size of the proposed development and the request to exceed the maximum height regulations, the Applicant will need to fulfill the requirements Section 5.6.2.D, which outlines development standards for new development or additions over 50% of the existing footprint. The Applicant proposes to address the standards as described below:

- Renewable Energy Installations: As shown on Sheet A-106, the roof structure will be solar ready, and will be coated with a white roofing membrane to reduce energy and reduce heat buildup.
- Yards: The principal façade is set back 10 feet from the front lot line. As described above, a stormwater management system will be introduced to the site.
- Transparency and Access: At least 50% of the Dudley Street façade is transparent at the ground floor, however the Applicant should consider improvements to the design treatment of the storefront to clearly define it as a principal entrance. Façades along the sides of the building have been articulated through variation in color and material. A connection to the sidewalk along Dudley Street from the primary entrance has been provided.
- Lighting: Site and building lighting is downcast and provides minimal light overspill onto the adjacent site. The Applicant has provided only one light along the front façade but should consider an additional light to illuminate the entire sidewalk for safety purposes.
- Pedestrian Amenities: Three shade trees (Pyramidal European Hornbeam) are proposed to line the front façade of the building, along with three 4-foot square planters and two benches. The second curb cut will be closed, and the sidewalk along Dudley Street will be reconstructed.
- Erosion and Sedimentation Control: An erosion control plan for all construction activity has been provided on sheets C1.01 and C2.01. Erosion control measures will be inspected weekly throughout construction activity and will remain in place until disturbed earth has been stabilized.
- Exceptions to Maximum Height Regulations: As the proposed building exceeds 39 feet or three stories, the Applicant must meet additional development standards. The residential buffer requirement does not apply to the Industrial District. Regarding sustainable roof infrastructure, the entire roof membrane is white and highly reflective. The Applicant has adequately described their plan to retain and treat 100% of stormwater on site.

Overall, the relationship between the primary entrance and the street insofar as design and lighting treatments could be improved. The Board can find that all other conditions are met.

6. Section 3.3.3.F.

The requested use will not impair the integrity or character of the district or adjoining districts, nor be detrimental to the health or welfare.

Although most of Dudley Street is in the Industrial District, many properties along the street present as single- or two-family buildings, with the exception of the three, three-story buildings to the east of 34 Dudley St. The proposed building departs from the typical residential-style architecture, presenting as a large warehouse with windows only on the front façade. Residential buildings in this district are preexisting nonconforming uses, as no residential uses are allowed by right or by Special Permit except for artist live/workspace, which requires a Special Permit. Compared to the four-story bank of windows, the front entry recedes into the surrounding white E.I.F.S. Attention should be given to drawing more attention to the principal entry through potentially an awning or other projection to protect the entry from inclement weather.

The building features wide, tall panels of pre-finished metal pencil rib panels along the front, side, and rear façades. The Applicant could consider additional architectural detailing along the left front façade and upper stories on the east and rear façades to break up the overall mass of the structure. Additionally, the rear façade will be visible from the adjacent Mill Book and Wellington Park. The Applicant could consider introducing windows or other architectural detailing along the rear façade to minimize the massing of the building. The Applicant could also consider moving from pre-finished metal to prefabricated masonry.

The Applicant is proposing a floor area ratio (FAR) of 2.81 and a height of five stories. The existing building's FAR is 0.32 and is one story in height. The Zoning Bylaw allows a maximum FAR of 3.0 and a height of five stories in this zoning district if the proposal meets the additional requirements outlined in Section 5.6.2.D(7). A highly reflective sustainable roof infrastructure element is proposed, and the Stormwater Report demonstrates the Applicant's plans to retain and treat 100% of stormwater on site.

While the proposed building is larger than most of the other buildings in the Industrial District along Dudley Street, it is also the first proposal received since 2021 Town Meeting voted to amend zoning in the Industrial District to allow increased heights, uses, and FAR, subject to development standards. The proposed building use is in keeping with other uses in the Industrial District and will not impair the integrity or character of the district or the adjoining districts and it will not be detrimental to health or welfare.

7. **Section 3.3.3.G.**
   The requested use will not, by its addition to a neighborhood, cause an excess of the use that could be detrimental to the character of said neighborhood.

   As described above, there is only one other self-service storage facility in Arlington, and very few located in adjacent communities. The use will not be in excess or detrimental to the character of the neighborhood. The Board can find this condition is met.

III. Environmental Design Review Standards (Arlington Zoning Bylaw, Section 3.4)

1. **EDR-1 Preservation of Landscape**
   The landscape shall be preserved in its natural state, insofar as practicable, by minimizing tree and soil removal, and any grade changes shall be in keeping with the general appearance of neighboring developed areas.

   The existing property is entirely impervious and there is no natural landscape to preserve with the building and impervious paving fully saturating the building lot. The Applicant proposes to replace approximately 5,169 square feet of impervious material with landscaped areas along the property lines. Along the street, three new shade trees will be planted, and three planter boxes will be introduced along the building perimeter. The Board can find that this condition is met.

2. **EDR-2 Relation of the Building to the Environment**
   Proposed development shall be related harmoniously to the terrain and to the use, scale, and architecture of the existing buildings in the vicinity that have functional or visible relationship to the proposed buildings. The Arlington Redevelopment Board may require a modification in massing so as to reduce the effect of shadows on the abutting property in an R0, R1 or R2 district or on public open space.

   There are a range of architectural styles in the vicinity. The proposed development is in the I Industrial District which is the dominant zoning district on Dudley Street. Building heights in the vicinity range from single-story to three-story. As the Town's Design Standards indicate, greater height in certain locations can be beneficial, however monolithic façade treatments and flat, blank façades are not permitted. While the "face" of the building visible from Wellington Park is actually the back of the building, additional treatments to diminish the impact of overall building height and appearance should be considered. Further, while the ground floor storefront and front façade meets transparency requirements, its relationship to Dudley Street could be improved. An overall improved building façade treatment addresses and minimizes the building massing would improve the relationship of the building to the environment.

3. **EDR-3 Open Space**
   All open space (landscaped and usable) shall be so designed as to add to the visual amenities of the vicinity by maximizing its visibility for persons passing by the site or

overlooking it from nearby properties. The location and configuration of usable open space shall be so designed as to encourage social interaction, maximize its utility and facilitate maintenance.

As noted above, while there is no landscaped or usable open space requirement in the Industrial District, because this Applicant is requesting to exceed the maximum height regulations, they are subject to Section 5.2.6(D). The proposal includes approximately 5,169 square feet of landscaped open space along property lines, which also provides a buffer between the site and the adjacent Mill Brook. Buffers are not required for Industrial District parcels that do not abut a residential district; however, they are included in this proposal to meet the site development standards. The Board can find that this condition is met.

4. **EDR-4 Circulation**

With respect to vehicular and pedestrian and bicycle circulation, including entrances, ramps, walkways, drives, and parking, special attention shall be given to location and number of access points to the public streets (especially in relation to existing traffic controls and mass transit facilities), width of interior drives and access points, general interior circulation, separation of pedestrian and vehicular traffic, access to community facilities, and arrangement of vehicle parking and bicycle parking areas, including bicycle parking spaces required by Section 6.1.12 that are safe and convenient and, insofar as practicable, do not detract from the use and enjoyment of proposed buildings and structures and the neighboring properties.

The proposed project includes 11 spaces for vehicles located in a surface parking lot, including one HP van space. An additional four loading bays are provided, bringing the vehicular parking total to 15. Three loading bays are required under Section 6.1.6. Short-term and long-term bicycle parking is provided. Improved sidewalks, curb cuts, and curb treatments are also proposed. Any such proposed improvements in the public right-of-way will require additional review and approval by the Engineering Division.

The parking requirement is for light manufacturing, which requires one space per 1,000 square feet of floor area. The parking required for this use totals 96 vehicular parking spaces. The business will employ two workers, with no more than two being on site at a given time; customers visit the site throughout the day and weekend but generate fewer trips overall than they do for other uses. As such, the Applicant is requesting a reduction in the number of parking spaces provided to 15 spaces per Section 6.1.5 of the Zoning Bylaw and proposes to implement the following three Transportation Demand Management (TDM) strategies to reduce demand for parking: pay a stipend to workers without cars; provide preferential parking for carpooling vehicles; and provide covered bicycle parking and storage. The Applicant should clarify how preferential parking for carpooling vehicles would be identified in the parking lot, and how they envision this being used at a self-service storage facility. The parking reduction, if granted, would require 24 parking spaces total rather than the 24 proposed by the Applicant.

Regarding meeting the long-term bicycle parking requirements, one interior employee bicycle parking space is provided, along with covered bicycle racks for six bikes inside the loading bay area. Four covered short-term bicycle parking spaces are provided at the rear of the parking lot. In comparison, the use requires 96 long term and 77 short-term bicycle parking spaces, therefore the Applicant has requested a reduction in the number of parking spaces provided as the characteristics of the use make the need for additional bicycle parking unlikely. The Board may wish to modify this requirement per Section 6.1.12(A).

Vehicle Parking Requirements		
Light Manufacturing	**Square footage**	**Total Parking Required**
1 space per 1,000 sq. ft.	95,706	96
Loading spaces	95,706	3
	Vehicle Parking	**Loading Spaces**
Total Required Parking	96	3
Total Required Parking after Section 6.1.5 Reduction	**24**	**3**
Total Proposed Parking	**11**	**4**
Bicycle Parking Requirements		
Use	**Short-Term Parking**	**Long-Term Parking**
Light Manufacturing	**77**	**96**
Total Required Bicycle Parking	**77**	**96**
Total Proposed Bicycle Parking	**4**	**7**

The proposed project has few employees and a low frequency of visitors; therefore, it is likely that the aggregate number of trips to this location will be reduced compared to the property's current use as the Traffic Impact Analysis claims. The Applicant's analysis of trip generation rates for similar sized self-service storage facilities in the region verifies that the average trips generated is fewer than the number of parking spaces provided on-site.

Additional safety measures are provided where the parking lot meets the sidewalk along Dudley Street: "STOP" lettering will be painted on the drive and a stop sign will be installed.

The Traffic Impact Analysis does not address the various ways to access Dudley Street. Access to the site from Massachusetts Avenue and Summer Street is provided via Grove and Brattle Streets. Due to a lack of signaling at the Massachusetts Avenue and Grove Street intersection, egress via Grove Street may be challenging, especially for larger trucks and vans. It may be appropriate for the ARB to request a trip distribution analysis to assess how people will access this site.

Overall, the ARB may want more detailed information regarding circulation around the site to adequately assess the proposal.

5. **EDR-5 Surface Water Drainage**

Special attention shall be given to proper site surface drainage so that removal of surface waters will not adversely affect neighboring properties or the public storm drainage system. Available Best Management Practices for the site should be employed, and include site planning to minimize impervious surface and reduce clearing and re-grading. Best Management Practices may include erosion control and stormwater treatment by means of swales, filters, plantings, roof gardens, native vegetation, and leaching catch basins. Stormwater should be treated at least minimally on the development site; that which cannot be handled on site shall be removed from all roofs, canopies, paved and pooling areas and carried away in an underground drainage system. Surface water in all paved areas shall be collected in intervals so that it will not obstruct the flow of vehicular or pedestrian traffic and will not create puddles in the paved areas. In accordance with Section 3.3.4., the Board may require from any Applicant, after consultation with the Director of Public Works, security satisfactory to the Board to ensure the maintenance of all stormwater facilities such as catch basins, leaching catch basins, detention basins, swales, etc. within the site. The Board may use funds provided by such security to conduct maintenance that the Applicant fails to do. The Board may adjust in its sole discretion the amount and type of financial security such that it is satisfied that the amount is sufficient to provide for any future maintenance needs.

The site development plan, Stormwater Report, Stormwater Management System Operations and Maintenance Manual, and Stormwater Erosion and Sediment Control Plan show a clear strategy to address, store, and treat stormwater from the site before releasing it Mill Brook and Dudley Street. This is an improvement over the existing conditions. The proposed design complies with the Town's current stormwater bylaw. Final design materials must be submitted for review and approval by the Town Engineer.

6. **EDR-6 Utilities Service**

Electric, telephone, cable TV, and other such lines of equipment shall be underground. The proposed method of sanitary sewage disposal and solid waste disposal from all buildings shall be indicated.

All new utility service will be underground. The Board can find that this condition is met.

7. **EDR-7 Advertising Features**

The size, location, design, color, texture, lighting and materials of all permanent signs and outdoor advertising structures or features shall not detract from the use and enjoyment of proposed buildings and structures and the surrounding properties.

The project site is in the Industrial Sign District. The proposal exceeds the total number of signs allowable by right. The Applicant submitted a sign package with a number of primary and incidental signs proposed:

- Sign 1: One wall sign with LED illuminated channel lettering located over the main entrance measuring 180 square feet;
- Sign 2: One wall sign with LED illuminated channel lettering located over the front side façade measuring 180 square feet;
- Sign 3: One non-illuminated wayfinding sign measuring 1.22 square feet pin-mounted over the primary entrance;
- Sign 4: One non-illuminated wayfinding sign measuring 3.97 square feet indicating the loading area;
- Sign 5: One illuminated freestanding monument sign measuring 23.8 square feet installed at the northeast corner of the site near the intersection of Dudley Street and the driveway. One ADA entrance plaque measuring 0.25 square feet; and
- Signs 6-8: Additional parking lot signage to indicate carpool and HP parking spots, and a stop sign at the egress to Dudley Street.

Per Section 6.2.1(E), non-illuminated signs providing incidental information regarding directions to services and facilities are allowed, provided they do not exceed an aggregate of six square feet in sign area, therefore signs three and four are allowed by right. Per the same section, signs intended to be readable from within a parking area but not readable beyond the boundaries of the lot or parcel upon which they are located are allowed, therefore signs six through eight are permitted. Per Section 6.2.2(C), the ARB may grant a Special Permit to allow more than the number of signs or signs exceeding the dimensional maximums allowed, "provided the architecture of the building, the location of the building relative to the street, or the nature of the use being made of the building is such that an additional sign or signs of a larger size should be allowed in the public interest."

In terms of sign area, the two wall signs total 360 square feet, exceeding the maximum 40 square feet per business allowed in the Industrial Sign District. The height of both wall signs is higher than 25 feet above grade, exceeding the maximum wall sign height allowed in Section 6.2.5(D)(10). Sign 5, the freestanding monument sign, complies with the maximum dimensional sign area of 24 square feet and height, however monument signs must be non-illuminated or externally illuminated, therefore the proposed illumination is not permitted. Sign 5 is set back to the required setback of 5 feet from the property line.

Overall, the aggregate square footage of signage exceeds what is allowed per Section 6.2.5(D)(10) by 320 square feet. The Applicant has not proposed any window signage, however any intended signage including hours of operation and logos on entryways needs to be included in the sign package. Any additional window signage or incidental signage would add to the excess of the six feet of allowed incidental signage.

8. **EDR-8 Special Features**

Exposed storage areas, exposed machinery installations, service areas, truck loading areas, utility buildings and structures, and similar accessory areas and structures shall be subject to such setbacks, screen plantings or other screening methods as shall reasonably be required to prevent their being incongruous with the existing or contemplated environment and the surrounding properties.

The roofing plan provided indicates that roof structures are appropriately set back and that a parapet will provide screening of said structures. The site plan shows an enclosed dumpster area located in the surface parking. The location of recycling areas has not been provided. An excess of loading areas has been provided due to the nature of the use.

9. **EDR-9 Safety**

With respect to personal safety, all open and enclosed spaces shall be designed to facilitate building evacuation and maximize accessibility by fire, police and other emergency personnel and equipment. Insofar as practicable, all exterior spaces and interior public and semi-public spaces shall be so designed to minimize the fear and probability of personal harm or injury by increasing the potential surveillance by neighboring residents and passersby of any accident or attempted criminal act.

The proposed building has been designed to meet all relevant health and safety codes. A lighting plan was provided as part of the plan set; however, the Applicant should consider providing additional lighting along the sidewalk in front of the building. Additionally, as customer access hours extend beyond the hours during which the building will be staffed, the Applicant should provide additional details regarding site security measures to assess safety criteria.

10. **EDR-10 Heritage**

With respect to Arlington's heritage, removal or disruption of historic, traditional or significant uses, structures or architectural elements shall be minimized insofar as practical whether these exist on the site or on adjacent properties.

The existing structure is not listed on the *Inventory of Historically or Architecturally Significant Properties in the Town of Arlington* nor is it under the jurisdiction of the Arlington Historical Commission. As such, the site contains no historic, traditional, or significant uses, structures, or architectural elements. The Board can find that this condition is met.

11. **EDR-11 Microclimate**

With respect to the localized climatic characteristics of a given area, any development which proposes new structures, new hard surface, ground coverage or the installation of machinery which emits heat, vapor or fumes shall endeavor to minimize insofar as practicable, any adverse impacts on light, air and water resources or on noise and temperature levels of the immediate environment.

Based upon materials provided in the application, there will be no adverse impacts on air and water resources or on temperature levels of the immediate environment. The Board can find that this condition is met.

12. EDR-12 Sustainable Building and Site Design

Projects are encouraged to incorporate best practices related to sustainable sites, water efficiency, energy and atmosphere, materials and resources, and indoor environmental quality. Applicants must submit a current Green Building Council Leadership in Energy and Environmental Design (LEED) checklist, appropriate to the type of development, annotated with narrative description that indicates how the LEED performance objectives will be incorporated into the project.

The proposed building generates a LEED score that demonstrates the building could be LEED platinum certified. The Board can find that this condition is met.

IV. Findings

The following findings are for the Board's consideration:

1. The ARB finds that the project is consistent with Environmental Design Review per Section 3.4 of the Zoning Bylaw.
2. The ARB finds that the project is consistent with the development standards for exceeding the maximum height regulations per Section 5.6.2.D(7).
3. The ARB finds that the parking reduction and TDM measures justify the parking reduction per Section 6.1.5.

V. Conditions

A. General

1. The final design, sign, exterior material, landscaping, and lighting plans shall be subject to the approval of the Arlington Redevelopment Board or administratively approved by the Department of Planning and Community Development. Any substantial or material deviation during construction from the approved plans and specifications is subject to the written approval of the Arlington Redevelopment Board.

2. Any substantial or material deviation during construction from the approved plans and specifications is subject to the written approval of the Arlington Redevelopment Board.

3. The Board maintains continuing jurisdiction over this permit and may, after a duly advertised public hearing, attach other conditions or modify these conditions as it deems appropriate in order to protect the public interest and welfare.

4. Snow removal from all parts of the site, as well as from any abutting public sidewalks, shall be the responsibility of the owner and shall be accomplished in accordance with Town Bylaws.

5. Trash shall be picked up only on Monday through Friday between the hours of 7:00 am and 6:00 pm. All exterior trash and storage areas on the property, if any, shall be properly screened and maintained in accordance with Article 30 of Town Bylaws.

6. The Applicant shall provide a statement from the Town Engineer that all proposed utility services have adequate capacity to serve the development. The Applicant shall provide evidence that a final plan for drainage and surface water removal has been reviewed and approved by the Town Engineer.

7. Upon installation of landscaping materials and other site improvements, the Applicant shall remain responsible for such materials and improvement and shall replace and repair as necessary to remain in compliance with the approved site plan.

8. All utilities serving or traversing the site (including electric, telephone, cable, and other such lines and equipment) shall be underground.

9. Upon the issuance of the building permit the Applicant shall file with the Building Inspector and the Department of Community Safety the names and telephone numbers of contact personnel who may be reached 24 hours each day during the construction period.

10. Building signage will be filed with and reviewed and approved by the Department of Planning and Community Development and Inspectional Services.

B. Special Conditions



PREMIER
STORAGE INVESTORS

SELF STORAGE

Arlington, MA

April 21, 2022

VIEW 1

michael parker
studios



PREMIER STORAGE INVESTORS

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VIEW 2

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VIEW 5

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April 21, 2022

VIEW 7

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Site Plans

Issued for	**Local Approvals**
Date Issued	**February 9, 2022**
Latest Issue	**April 21, 2022**

Proposed Self Storage Facility

34 Dudley Street
Arlington, Massachusetts



Owner

34 Dudley Street LLC
34 Dudley Street
Arlington, MA 02476

Applicant

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive
Suite 155
Memphis, TN 38117

Assessor's Map: 55
Lot: 2-39.B

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C1.01	Legend and General Notes	4/21/2022
C2.01	Site Preparation Plan	4/21/2022
C3.01	Layout and Materials Plan	4/21/2022
C4.01	Grading, Drainage, and Erosion Control Plan	4/21/2022
C5.01	Utility Plan	4/21/2022
C6.01-C6.03	Site Details	4/21/2022
L1.01	Planting Plan	4/21/2022
L2.01	Planting Details	2/9/2022

Reference Drawings

No.	Drawing Title	Latest Issue
Sv-1	Existing Conditions Plan of Land	11/5/2021
SL-1	Site Lighting Plan	4/21/2022
A-101 to A-106	Floor Plans	4/12/2022
A-201 to A-202	Exterior Elevations	4/12/2022

vhb.com

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603.391.3900

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Michael Parker Studios, PLLC
13755 Thompson Place Drive
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Surveyor:
VHB
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PO Box 9151
Watertown, MA 02471
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239 Causeway Street
Boston, MA 02114
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COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
NO. 47000
REGISTERED PROFESSIONAL ENGINEER
4/21/2022

Legend

Exist.	Prop.	
		PROPERTY LINE
		PROJECT LIMIT LINE
		RIGHT-OF-WAY/PROPERTY LINE
		EASEMENT
		BUILDING SETBACK
		PARKING SETBACK
10+00	10+00	BASELINE
		CONSTRUCTION LAYOUT
		ZONING LINE
		TOWN LINE
		LIMIT OF DISTURBANCE
		WETLAND LINE WITH FLAG
		FLOODPLAIN
BLSF	BLSF	BORDERING LAND SUBJECT TO FLOODING
BZ	BZ	WETLAND BUFFER ZONE
NDZ	NDZ	NO DISTURB ZONE
200'RA	200'RA	200' RIVERFRONT AREA
		GRAVEL ROAD
EOP	EOP	EDGE OF PAVEMENT
BB	BB	BITUMINOUS BERM
BC	BC	BITUMINOUS CURB
CC	CC	CONCRETE CURB
CG	CG	CURB AND GUTTER
CC	ECC	EXTRUDED CONCRETE CURB
CC	MCC	MONOLITHIC CONCRETE CURB
CC	PCC	PRECAST CONC. CURB
SGE	SGE	SLOPED GRAN. EDGING
VGC	VGC	VERT. GRAN. CURB
		LIMIT OF CURB TYPE
		SAWCUT
		BUILDING
	EN	BUILDING ENTRANCE
	LD	LOADING DOCK
		BOLLARD
D	D	DUMPSTER PAD
		SIGN
		DOUBLE SIGN
		STEEL GUARDRAIL
		WOOD GUARDRAIL
		PATH
		TREE LINE
		WIRE FENCE
		FENCE
		STOCKADE FENCE
		STONE WALL
		RETAINING WALL
		STREAM / POND / WATER COURSE
		DETENTION BASIN
		HAY BALES
		SILT FENCE
		SILT SOCK / STRAW WATTLE
4	4	MINOR CONTOUR
20	20	MAJOR CONTOUR
10	10	PARKING COUNT
	C10	COMPACT PARKING STALLS
DYL	DYL	DOUBLE YELLOW LINE
SL	SL	STOP LINE
		CROSSWALK
		ACCESSIBLE CURB RAMP
		ACCESSIBLE PARKING
VAN	VAN	VAN-ACCESSIBLE PARKING

Exist.	Prop.	
		CONCRETE
		HEAVY DUTY PAVEMENT
		BUILDINGS
		RIPRAP
		CONSTRUCTION EXIT
27.35 TC×	27.35 TC×	TOP OF CURB ELEVATION
26.85 BC×	26.85 BC×	BOTTOM OF CURB ELEVATION
132.75 ×	132.75 ×	SPOT ELEVATION
45.0 TW× 38.5 BW	45.0 TW× 38.5 BW	TOP & BOTTOM OF WALL ELEVATION
		BORING LOCATION
		TEST PIT LOCATION
MW	MW	MONITORING WELL
UD	UD	UNDERDRAIN
12"D	12"D	DRAIN
6"RD	6"RD	ROOF DRAIN
12"S	12"S	SEWER
FM	FM	FORCE MAIN
OHW	OHW	OVERHEAD WIRE
6"W	6"W	WATER
4"FP	4"FP	FIRE PROTECTION
	2"DW	DOMESTIC WATER
3"G	G	GAS
E	E	ELECTRIC
STM	STM	STEAM
T	T	TELEPHONE
FA	FA	FIRE ALARM
CATV	CATV	CABLE TV
		CATCH BASIN CONCENTRIC
		CATCH BASIN ECCENTRIC
		DOUBLE CATCH BASIN CONCENTRIC
		DOUBLE CATCH BASIN ECCENTRIC
		GUTTER INLET
		DRAIN MANHOLE CONCENTRIC
		DRAIN MANHOLE ECCENTRIC
TD		TRENCH DRAIN
E	E	PLUG OR CAP
CO	CO	CLEANOUT
		FLARED END SECTION
		HEADWALL
S	S	SEWER MANHOLE CONCENTRIC
S	S	SEWER MANHOLE ECCENTRIC
CS	CS	CURB STOP & BOX
WV	WV	WATER VALVE & BOX
TSV	TSV	TAPPING SLEEVE, VALVE & BOX
		FIRE DEPARTMENT CONNECTION
HYD	HYD	FIRE HYDRANT
WM	WM	WATER METER
PIV	PIV	POST INDICATOR VALVE
W	W	WATER WELL
GC	GC	GAS GATE
GM	GM	GAS METER
E	EMH	ELECTRIC MANHOLE
EM	EM	ELECTRIC METER
		LIGHT POLE
T	TMH	TELEPHONE MANHOLE
T	T	TRANSFORMER PAD
		UTILITY POLE
		GUY POLE
		GUY WIRE & ANCHOR
HH	HH	HAND HOLE
PB	PB	PULL BOX
		MATCHLINE

Abbreviations

General

ABAN	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
BIT	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LANE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
EL	ELEVATION
ELEV	ELEVATION
EX	EXISTING
FDN	FOUNDATION
FFE	FIRST FLOOR ELEVATION
GRAN	GRANITE
GTD	GRADE TO DRAIN
LA	LANDSCAPE AREA
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PERF	PERFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LANE LINE
TS	TOP OF SLOPE
TYP	TYPICAL

Utility

CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
DCB	DOUBLE CATCH BASIN
DMH	DRAIN MANHOLE
CIP	CAST IRON PIPE
COND	CONDUIT
DIP	DUCTILE IRON PIPE
FES	FLARED END SECTION
FM	FORCE MAIN
F&G	FRAME AND GRATE
F&C	FRAME AND COVER
GI	GUTTER INLET
GT	GREASE TRAP
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HH	HANDHOLE
HW	HEADWALL
HYD	HYDRANT
INV	INVERT ELEVATION
I=	INVERT ELEVATION
LP	LIGHT POLE
MES	METAL END SECTION
PIV	POST INDICATOR VALVE
PWW	PAVED WATER WAY
PVC	POLYVINYLCHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
R=	RIM ELEVATION
RIM=	RIM ELEVATION
SMH	SEWER MANHOLE
TSV	TAPPING SLEEVE, VALVE AND BOX
UG	UNDERGROUND
UP	UTILITY POLE

Notes

General

1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3. ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
4. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6" INCHES LOAM AND SEED.
5. WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
6. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
7. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
8. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
9. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
13. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.

Utilities

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
   A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
   B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
   C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
   A. WATER PIPES SHALL BE CEMENT LINED DUCTILE IRON (DI) CLASS 52.
   B. SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE, SDR-35
   C. STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HDPE).
   D. PIPE INSTALLATION AND MATERIALS SHALL COMPLY WITH THE STATE PLUMBING CODE WHERE APPLICABLE. CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING INSPECTOR PRIOR TO BEGINNING WORK.
8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
9. CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
10. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.

Layout and Materials

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. CURB RADII ARE 3 FEET UNLESS OTHERWISE NOTED.
3. CURBING SHALL BE PRECAST CONCRETE CURB (PCC) WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS.
4. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
5. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
6. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.

Demolition

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
4 THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Erosion Control

1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
2. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE ORDER OF CONDITIONS. THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
6. CONTRACTOR TO PROVIDE CONTAINMENT BERM AT TOP OF SLOPE ADJACENT TO MILL BROOK TO PREVENT RUNOFF FROM CONSTRUCTION ACTIVITIES DISCHARGING TOWARDS MILL BROOK.

Existing Conditions Information

1. BASE PLAN: THE PROPERTY LINES SHOWN ON THE LAYOUT AND MATERIALS PLAN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN OCTOBER, 2021, AND FROM DEEDS AND PLANS OF RECORD. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY VHB, INC., DURING OCTOBER, 2021.
   A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB ENVIRONMENTAL DEPARTMENT IN OCTOBER, 2021.
   B. FLAGS MARKING THE WETLANDS WERE LOCATED BY: VHB, BY FIELD SURVEY IN OCTOBER, 2021
2. TOPOGRAPHY: ELEVATIONS ARE BASED ON NAVD OF 1988.
3. GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM GEOENGINEERS USA, PC DATED JANUARY 28, 2022.

Document Use

1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.
2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

vhb.com

vhb

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617.924.1770

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by MEA | Checked by EKG

Issued for: Local Approvals | Date: February 9, 2022

Not Approved for Construction

Drawing Title: Legend and General Notes

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
No. 37700
REGISTERED
PROFESSIONAL ENGINEER
4/21/2022

Drawing Number: C1.01

Sheet 1 of 10

Project Number: 52816.00

Saved Wednesday, April 20, 2022 8:53:27 AM MADAMS Plotted Thursday, April 21, 2022 3:31:00 PM Eric Gerade

Document Use:

THIS BASE PLAN ILLUSTRATES THE MINIMUM PERIMETER EROSION & SEDIMENTATION CONTROLS. THE CONTRACTOR SHALL UPDATE THIS PLAN THROUGHOUT THE DURATION OF CONSTRUCTION TO SHOW THE LOCATIONS OF PROPOSED/CONSTRUCTED E&S CONTROLS DEEMED NECESSARY TO MEET THE REQUIREMENTS OF THE ORDER OF CONDITIONS.

PROJECT E&S NARRATIVE:
THE PROPOSED PROJECT CONSISTS OF A 95,700± SQUARE-FOOT SELF STORAGE FACILITY WITH ANCILLARY LANDSCAPE IMPROVEMENTS, PARKING SPACES, AND UTILITY IMPROVEMENTS TO SUPPORT THIS USE. THE APPROXIMATELY 0.78 ACRE SITE WILL BE DEVELOPED AS A SINGLE-PHASE PROJECT.

EROSION AND SEDIMENTATION CONTROL TECHNIQUES
THE EROSION AND SEDIMENTATION CONTROLS SHOWN HEREON ARE PERIMETER MEASURES ONLY. THE CONTRACTOR IS REQUIRED TO PROVIDE ADDITIONAL INTERIM EROSION AND SEDIMENTATION CONTROLS, INCLUDING BUT NOT LIMITED TO THOSE LISTED BELOW. THE CONTRACTOR SHALL MANAGE EROSION AND SEDIMENTATION DURING CONSTRUCTION TO PREVENT IMPACTS TO RESOURCE AREAS, ROADWAYS, AND ABUTTING PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE EROSION AND SEDIMENTATION CONTROLS THROUGHOUT THE DURATION OF CONSTRUCTION.

CATCH BASIN PROTECTION
NEWLY CONSTRUCTED AND EXISTING CATCH BASINS WILL BE PROTECTED WITH SILT SACKS THROUGHOUT CONSTRUCTION.

GRAVEL AND CONSTRUCTION ENTRANCE/EXIT
A TEMPORARY CRUSHED-STONE CONSTRUCTION ENTRANCE/EXIT WILL BE CONSTRUCTED. A CROSS SLOPE WILL BE PLACED IN THE ENTRANCE TO DIRECT RUNOFF TO THE SEDIMENT TRAP.

VEGETATIVE SLOPE STABILIZATION
STABILIZATION OF OPEN SOIL SURFACES WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, UNLESS THERE IS SUFFICIENT SNOW COVER TO PROHIBIT IMPLEMENTATION. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR FLATTER. ANNUAL GRASSES, SUCH AS ANNUAL RYE, WILL BE USED TO ENSURE RAPID GERMINATION AND PRODUCTION OF ROOTMASS. PERMANENT STABILIZATION WILL BE COMPLETED WITH THE PLANTING OF PERENNIAL GRASSES OR LEGUMES. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.

TEMPORARY SEDIMENT BASINS
TEMPORARY SEDIMENT BASINS WILL BE DESIGNED EITHER AS EXCAVATIONS OR BERMED STORMWATER DETENTION STRUCTURES (DEPENDING ON GRADING) THAT WILL RETAIN RUNOFF FOR A SUFFICIENT PERIOD OF TIME TO ALLOW SUSPENDED SOIL PARTICLES TO SETTLE OUT PRIOR TO DISCHARGE. THESE TEMPORARY BASINS WILL BE LOCATED BASED ON CONSTRUCTION NEEDS AS DETERMINED BY THE CONTRACTOR AND OUTLET DEVICES WILL BE DESIGNED TO CONTROL VELOCITY AND SEDIMENT. POINTS OF DISCHARGE FROM SEDIMENT BASINS WILL BE STABILIZED TO MINIMIZE EROSION. AT A MINIMUM, SEDIMENTATION BASINS SHALL BE DESIGNED AND CONSTRUCTED TO PROVIDE STORAGE FOR THE VOLUME OF RUNOFF GENERATED FROM A 2-YR, 24-HR DESIGN STORM, OR AT LEAST 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINING TO THE BASIN.

STOCKPILE MANAGEMENT
SIDESLOPES OF STOCKPILED MATERIAL SHALL BE NO STEEPER THAN 2:1. STOCKPILES NOT USED WITHIN 30 DAYS NEED TO BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE. STRAW BALES AND SILT FENCE ARE TO BE PLACED AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE TOE OF SLOPE.

DUST CONTROL
PERIODICALLY MOISTEN EXPOSED SURFACES ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAY DAMP AND REDUCE DUST.

TEMPORARY EROSION AND SEDIMENTATION CONTROL MAINTENANCE (THROUGHOUT CONSTRUCTION)

THE SITE CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER ORDER OF CONDITIONS. THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS. RECORDS OF THE INSPECTIONS WILL BE PREPARED AND MAINTAINED ON-SITE BY THE CONTRACTOR.

SILT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6-INCHES DEEP OR AS NEEDED.

DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

SEDIMENT THAT IS COLLECTED IN STRUCTURES SHALL BE DISPOSED OF PROPERLY AND COVERED IF STORED ON-SITE.

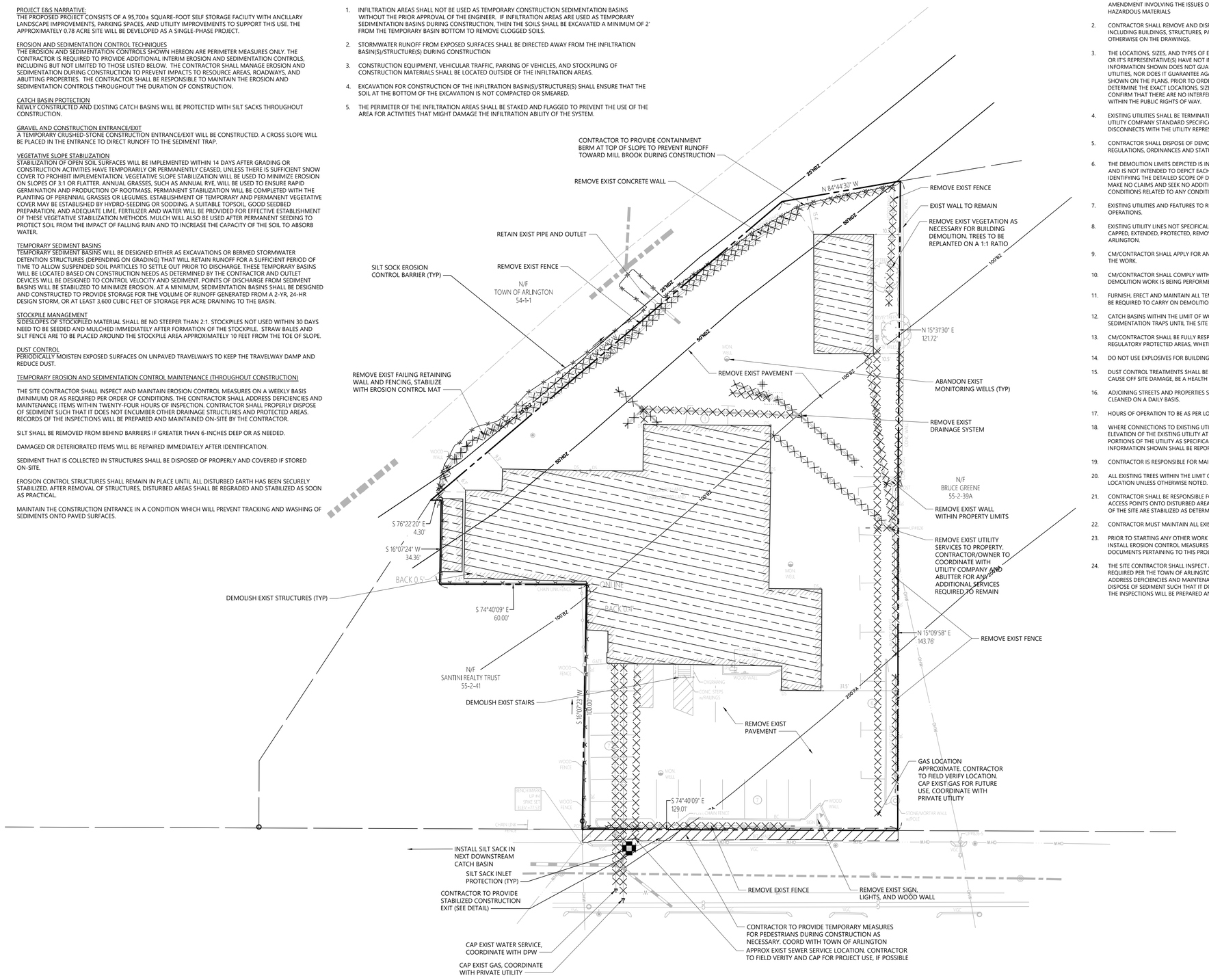
EROSION CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. AFTER REMOVAL OF STRUCTURES, DISTURBED AREAS SHALL BE REGRADED AND STABILIZED AS SOON AS PRACTICAL.

MAINTAIN THE CONSTRUCTION ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENTS ONTO PAVED SURFACES.

INFILTRATION AREA PROTECTION DURING CONSTRUCTION

FOR THE LONG-TERM FUNCTION OF THE INFILTRATION BASIN(S)/STRUCTURE(S), CARE SHALL BE TAKEN IN THE INFILTRATION AREAS DURING CONSTRUCTION THE CONSTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPS):

1. INFILTRATION AREAS SHALL NOT BE USED AS TEMPORARY CONSTRUCTION SEDIMENTATION BASINS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER. IF INFILTRATION AREAS ARE USED AS TEMPORARY SEDIMENTATION BASINS DURING CONSTRUCTION, THEN THE SOILS SHALL BE EXCAVATED A MINIMUM OF 2' FROM THE TEMPORARY BASIN BOTTOM TO REMOVE CLOGGED SOILS.
2. STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THE INFILTRATION BASIN(S)/STRUCTURE(S) DURING CONSTRUCTION
3. CONSTRUCTION EQUIPMENT, VEHICULAR TRAFFIC, PARKING OF VEHICLES, AND STOCKPILING OF CONSTRUCTION MATERIALS SHALL BE LOCATED OUTSIDE OF THE INFILTRATION AREAS.
4. EXCAVATION FOR CONSTRUCTION OF THE INFILTRATION BASIN(S)/STRUCTURE(S) SHALL ENSURE THAT THE SOIL AT THE BOTTOM OF THE EXCAVATION IS NOT COMPACTED OR SMEARED.
5. THE PERIMETER OF THE INFILTRATION AREAS SHALL BE STAKED AND FLAGGED TO PREVENT THE USE OF THE AREA FOR ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION ABILITY OF THE SYSTEM.



Site Preparation Notes:

1. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS
2. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF DEMOLITION INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
3. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR IT'S REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
4. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
5. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
6. THE DEMOLITION LIMITS DEPICTED IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
7. EXISTING UTILITIES AND FEATURES TO REMAIN SHALL BE MAINTAINED AND PROTECTED AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
8. EXISTING UTILITY LINES NOT SPECIFICALLY NOTED OR SHOWN WHICH ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE CAPPED, EXTENDED, PROTECTED, REMOVED, OR REWORKED AS DIRECTED OR REQUIRED BY THE OWNER OR THE TOWN OF ARLINGTON.
9. CM/CONTRACTOR SHALL APPLY FOR AND OBTAIN ALL NECESSARY PERMITS FROM LOCAL AND STATE AUTHORITIES TO COMPLETE THE WORK.
10. CM/CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY REGULATIONS TO PROTECT THE PUBLIC WHILE DEMOLITION WORK IS BEING PERFORMED.
11. FURNISH, ERECT AND MAINTAIN ALL TEMPORARY BARRICADES, FENCES, COVERINGS, ENCLOSURES, SIGNS AND LIGHTING AS MAY BE REQUIRED TO CARRY ON DEMOLITION WORK IN A SAFE AND LEGAL MANNER.
12. CATCH BASINS WITHIN THE LIMIT OF WORK AND IN THE IMMEDIATE VICINITY OF THE LIMIT OF WORK SHALL BE FITTED WITH SEDIMENTATION TRAPS UNTIL THE SITE IS PERMANENTLY STABILIZED.
13. CM/CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
14. DO NOT USE EXPLOSIVES FOR BUILDING DEMOLITION.
15. DUST CONTROL TREATMENTS SHALL BE APPLIED AS NECESSARY TO CONTROL AND REDUCE THE AMOUNT OF DUST WHICH MAY CAUSE OFF SITE DAMAGE, BE A HEALTH HAZARD TO HUMANS, WILDLIFE AND PLANT LIFE, OR POSE A HAZARD TO TRAFFIC SAFETY.
16. ADJOINING STREETS AND PROPERTIES SHALL BE KEPT FREE OF DEBRIS RESULTING FROM THE DEMOLITION AND SHALL BE BROOM CLEANED ON A DAILY BASIS.
17. HOURS OF OPERATION TO BE AS PER LOCAL ORDINANCE. CM/CONTRACTOR TO VERIFY PRIOR TO STARTING ON SITE OPERATIONS.
18. WHERE CONNECTIONS TO EXISTING UTILITIES ARE PROPOSED, THE CM/CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE EXISTING UTILITY AT THE CONNECTION POINT PRIOR TO ORDERING MATERIALS OR DEMOLISHING ANY UNUSED PORTIONS OF THE UTILITY AS SPECIFICALLY CALLED OUT ON THIS PLAN. DISCREPANCIES WITH THE EXISTING CONDITIONS INFORMATION SHOWN SHALL BE REPORTED TO THE ENGINEER FOR DIRECTION.
19. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SITE ACCESS AND SITE SECURITY AT ALL TIMES DURING CONSTRUCTION.
20. ALL EXISTING TREES WITHIN THE LIMIT OF DEMOLITION SHALL BE REMOVED AND DISPOSED OF OFF SITE AT A SAFE, APPROVED LOCATION UNLESS OTHERWISE NOTED.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING CONSTRUCTION EXITS AT ALL CONSTRUCTION VEHICLE ACCESS POINTS ONTO DISTURBED AREAS OF THE SITE. CONSTRUCTION EXITS SHALL BE MAINTAINED UNTIL DISTURBED PORTIONS OF THE SITE ARE STABILIZED AS DETERMINED BY THE ENGINEER
22. CONTRACTOR MUST MAINTAIN ALL EXISTING SERVICES TO THE ABUTTING PROPERTY.
23. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
24. THE SITE CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE TOWN OF ARLINGTON CONSERVATION COMMISSION ORDER OF CONDITIONS. THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS. RECORDS OF THE INSPECTIONS WILL BE PREPARED AND MAINTAINED ON-SITE BY THE CONTRACTOR.

LEGEND

- XXXXX – TO BE REMOVED
- ////////- UTILITIES TO BE ABANDONED IN PLACE
- CONCRETE TO BE REMOVED
- STRUCTURE TO BE REMOVED

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Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by SJH | Checked by EKG

Issued for: Local Approvals

Date: February 9, 2022

Not Approved for Construction

Drawing Title: Site Preparation Plan

Drawing Number: C2.01

ERIC K. GERADE CIVIL No. 37000 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS 4/21/2022

Sheet 2 of 10

Project Number: 52816.00

Zoning Summary Chart

Zoning District:	Industrial (I)	
Overlay District:	Inland Wetland District	
Zoning Regulation Requirements	**Required***	**Provided**
MAXIMUM FRONT YARD SETBACK	10 Feet	10.0 Feet
MINIMUM FRONT YARD SETBACK	10 Feet	10.0 Feet
SIDE YARD SETBACK	10 Feet	10.0 Feet
REAR YARD SETBACK	10 Feet	12.4 Feet
MAXIMUM FLOOR AREA RATIO	3.0	2.72
MAXIMUM BUILDING HEIGHT	65 Feet, 5 Stories	61.5 Feet, 5 Stories **

* Zoning regulation requirements as specified in the Town of Arlington Zoning Bylaw, Amended on April 26, 2021, Section 5.6.2

** Building height is calculated as the vertical distance of the highest point of the roof above the average grade of the curb line abutting the property. Parapets excluded per Section 5.3.20. The average grade of the curb line abutting the property is 78.285'. Height of the building is 60.833' from a finished floor elevation of 79.0, therefore the building height to the average grade is 0.715' greater than the actual structure for a calculated zoning building height of 61.548'.

Inland Wetland District Performance Standards

	Existing	Proposed	Improvement
IMPERVIOUS AREA (50' SETBACK)	3790 SF	1253 SF	-2537 SF (66.9%)
IMPERVIOUS SETBACK	25.9 Feet	34.2 Feet	+8.3 Feet

Sign Summary

M.U.T.C.D. Number	Specification Width	Height	Desc.
R1-1	30"	30"	STOP
R7-8	12"	18"	RESERVED PARKING
R7-8P	12"	6"	VAN ACCESSIBLE
SP-1	12"	18"	RESERVED FOR CARPOOL PARKING
SP-2	12"	18"	NO BOX TRUCKS GREATER THAN 26'

Building Sign Summary

ID Number	Sign Type	Specification Width	Height	Area	Desc.
1	Wall Sign	122"	46.5"	39.4 SF	ExtraSpace Storage
2	Freestanding Sign	85.5"	39"	23.2 SF	ExtraSpace Storage
3	Wall Sign	30"	10"	2.1 SF	OFFICE

NOTE:

1. SIGNS FROM SIGN PACKAGE PREPARED BY ELRO SIGNS FOR EXTRASPACE STORAGE, 34 DUDLEY STREET, ARLINGTON, MA, DATED MARCH 31, 2022. REFER TO SIGN PACKAGE FOR SIGN DETAILS AND RENDERINGS.

Parking Summary Chart

Description	Size Required	Size Provided	Spaces Required	Spaces Provided
STANDARD SPACES [1]	8.5 x 18	8.5 x 18	93	18
COMPACT SPACES [2]	8 x 16	8 x 18	0	4
ACCESSIBLE SPACES [3]	8 x 18	8.5 x 18	-	1
TOTAL SPACES			93	23[6]
LOADING BAYS [4]			3	4
BICYCLE SPACES [5]			130	12[6]

1. PER SECTION 6.1.5, THE REDEVELOPMENT BOARD CAN GRAND A REDUCTION IN PARKING TO 25% OF THE REQUIRED SPACES.
2. PER SECTION 6.1.11.C.11, THE REDEVELOPMENT BOARD CAN GRANT 20% OF THE PARKING SPACES TO BE COMPACT.
3. ADA/STATE/LOCAL REQUIREMENTS. (1 ACCESSIBLE SPACE PER 1-25 TOTAL PARKING SPACES) PER § 208.2 OF 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
4. LOADING BAYS: THREE BAYS FOR BETWEEN 40,001 SF AND 120,000 SF
5. BICYCLE PARKING REQUIRED BASED ON 0.8/1,000 SF LONG TERM AND 0.6/1,000 SF SHORT TERM PARKING. 6 BICYCLE SPACES ARE PROVIDED BY THREE RACKS UNDER THE BUILDING OVERHANG. 4 BICYCLE SPACES ARE PROVIDED AT THE DRIVEWAY ENTRANCE. EMPLOYEE BICYCLE STORAGE WILL BE PROVIDED WITHIN A 10'x10' TENANT STORAGE UNIT THE BUILDING (2 SPACE MINIMUM).
6. WAIVERS REQUESTED FOR REDUCTION IN REQUIRED PARKING SPACES AND REDUCTION IN REQUIRED BICYCLE SPACES.

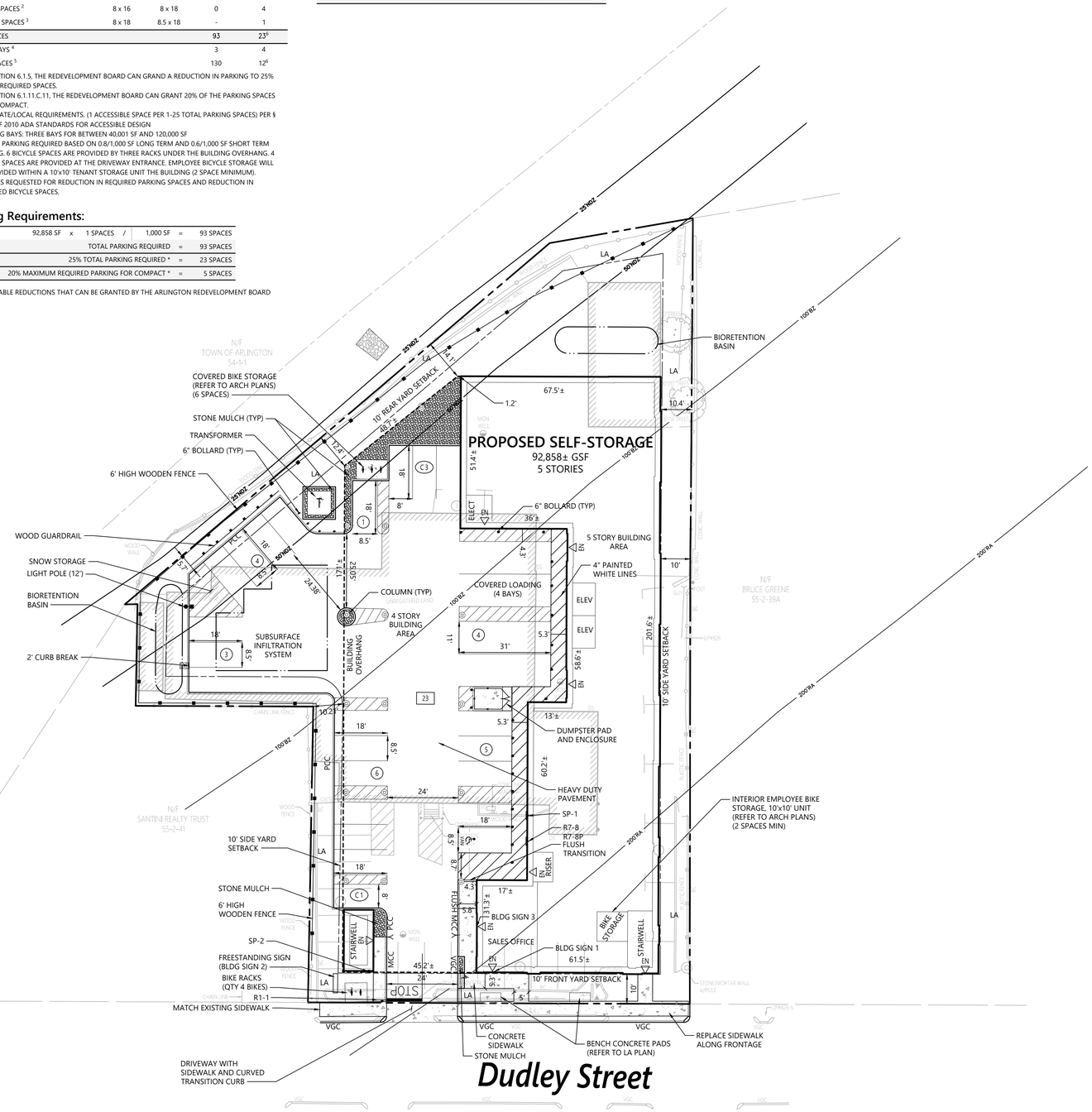
Parking Requirements:

STORAGE	92,858 SF	x	1 SPACES	/ 1,000 SF	=	93 SPACES
				TOTAL PARKING REQUIRED	=	93 SPACES
				25% TOTAL PARKING REQUIRED *	=	23 SPACES
				20% MAXIMUM REQUIRED PARKING FOR COMPACT *	=	5 SPACES

* ALLOWABLE REDUCTIONS THAT CAN BE GRANTED BY THE ARLINGTON REDEVELOPMENT BOARD

Bicycle Parking Requirements:

SHORT TERM	92,858 SF	x	0.60 SPACES	/ 1,000 SF	=	56 SPACES
LONG TERM	92,858 SF	x	0.80 SPACES	/ 1,000 SF	=	74 SPACES
				TOTAL BICYCLE PARKING REQUIRED	=	130 SPACES



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No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by SJH | Checked by EKG

Issued for: Local Approvals | Date: February 9, 2022

Not Approved for Construction

Drawing Title: **Layout and Materials Plan**

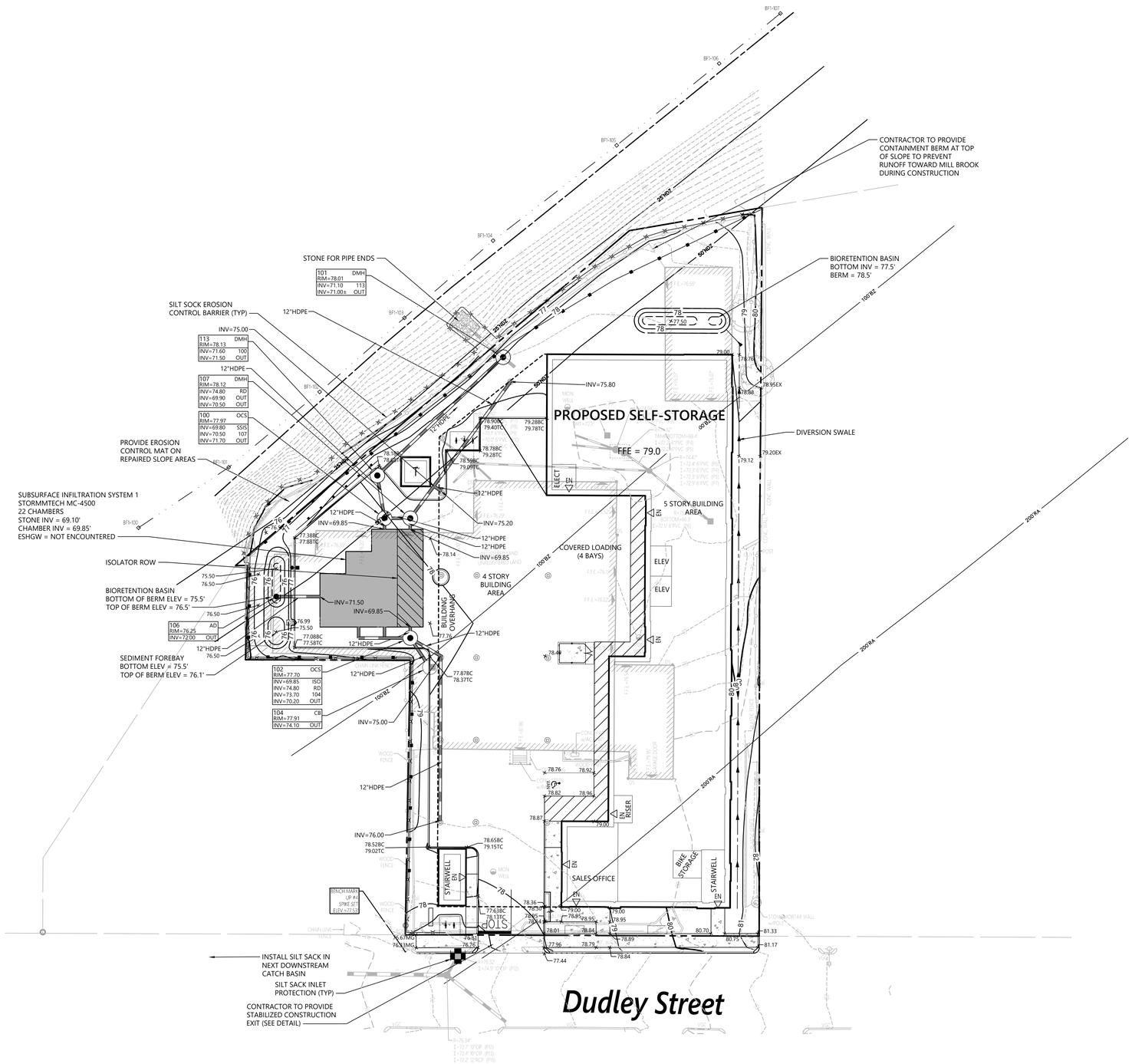
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COMMONWEALTH OF MASSACHUSETTS — ERIC K. GERADE — CIVIL — NO. 49760 — REGISTERED PROFESSIONAL ENGINEER — 4/21/2022

Sheet 3 of 10

Project Number: **52816.00**

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Proposed Self-Storage Facility

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No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by SJH | Checked by EKG

Issued for: Local Approvals | Date: February 9, 2022

Not Approved for Construction

Drawing Title
Grading, Drainage, and Erosion Control Plan

Drawing Number
C4.01

Sheet 4 of 10

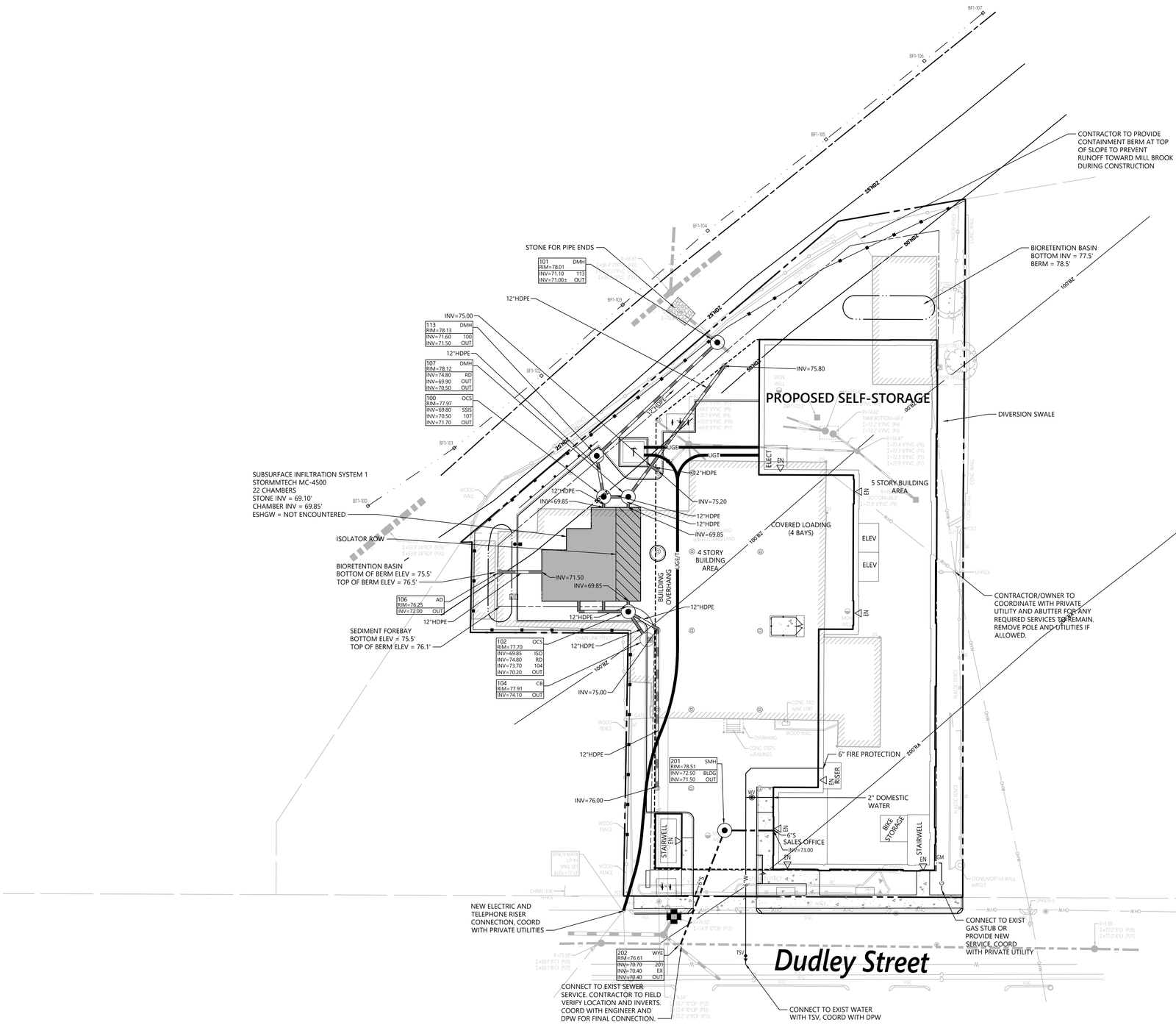
Project Number
52816.00

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
No. 51700
REGISTERED PROFESSIONAL ENGINEER
9/21/2022

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Proposed Self-Storage Facility

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No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by: SJH
Checked by: EKG

Issued for: Local Approvals
Date: February 9, 2022

Not Approved for Construction

Drawing Title: Utility Plan

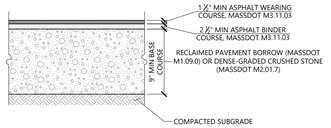
Drawing Number: C5.01

Sheet 5 of 10

Project Number: 52816.00

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
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9/27/2022

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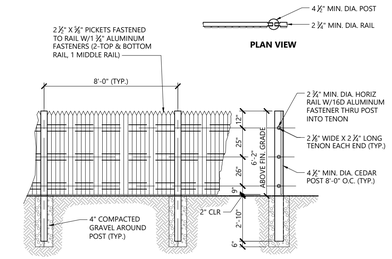
HEAVY DUTY FLEXIBLE PAVEMENT

NOTE

BASE COURSE FOR PAVEMENT SHOULD BE PLACED IN 12" THICK LOOSE LIFTS AND COMPACTED TO AT LEAST 95 PERCENT OF ITS MAXIMUM DRY DENSITY (MDD) AS DETERMINED BY ASTM D1557 METHOD C (MODIFIED PROTRACTOR).

Bituminous Concrete Pavement Section

N.T.S. Source: GeoEngineers, Inc.



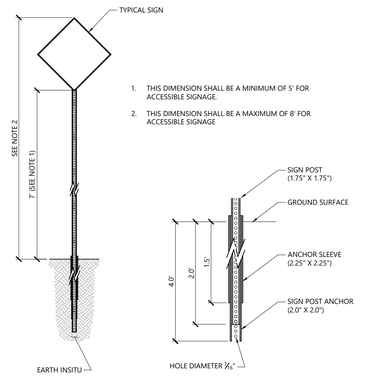
NOTES

1. ALL FENCING MATERIAL SHALL BE NORTHERN WHITE CEDAR, SAWN TO THE DIMENSIONS SHOWN ON THE DRAWING.
2. ALL FENCE POSTS SHALL BE TREATED WITH PRESERVATIVE PER MANUFACTURER'S RECOMMENDATION ON ALL SIDES FOR A DIMENSION OF 3'-0" FROM BUTT OF POST.
3. POSTS SHALL MAINTAIN A DEPTH OF 2'-10" IN GROUND AND SHALL NOT BE RACKED TO ACCOMMODATE CHANGES IN GRADE.
4. LINE OF FENCE TOP AND BOTTOM SHALL BE INSTALLED STRAIGHT AND TRUE. POSTS AND PICKETS SHALL BE INSTALLED PARALLEL AND PLUMB. RAILS SHALL BE INSTALLED PARALLEL TO GROUND SURFACE AND EACH OTHER.
5. GATE HARDWARE SHALL BE DOUBLE DIP HOT GALVANIZED. THE CONTRACTOR SHALL SUBMIT GATE AND FENCE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW.

6' Single Sided Stockade Fence

1/16

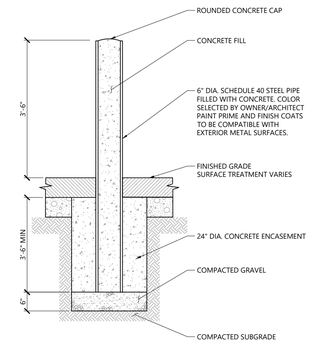
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Sign Post - Type 'B'

3/19

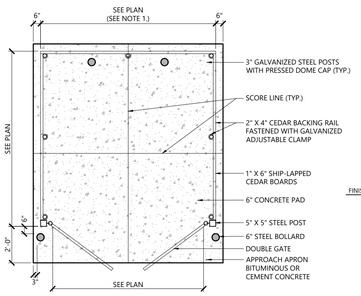
N.T.S. Source: VHB LD_702



Bollard

12/19

N.T.S. Source: VHB LD_700



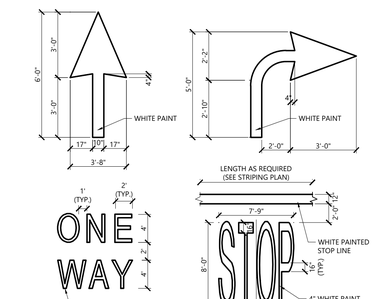
NOTES

1. DUMPSTER PAD DIMENSIONS SHOWN AS MINIMUM. REFER TO PLAN FOR ACTUAL DIMENSION.

Dumpster Pad w/ Enclosure

1/20

N.T.S. Source: VHB LD_713



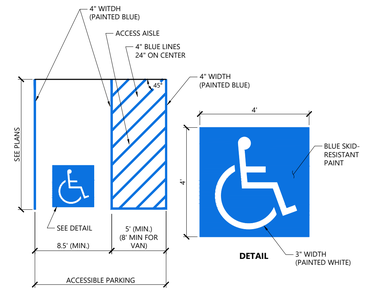
NOTES

1. PAVEMENT MARKINGS TO BE INSTALLED FOR ON SITE WORK IN LOCATIONS SHOWN.

Painted Pavement Markings - On Site

1/16

N.T.S. Source: VHB LD_554



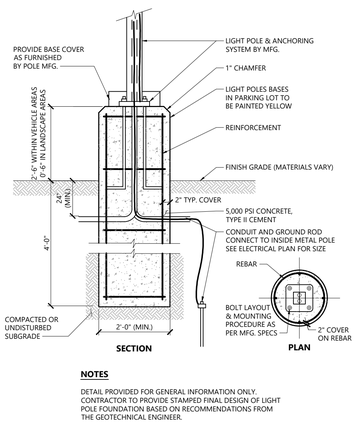
NOTES

1. ALL DIMENSIONS TO CENTER OF 4" PAVEMENT STRIPING.
2. ALL SLOPES THROUGHOUT THE ACCESSIBLE PARKING AND AISLE AREAS SHALL NOT EXCEED 1.5%.

Accessible Parking Space

12/19

N.T.S. Source: VHB LD_552B



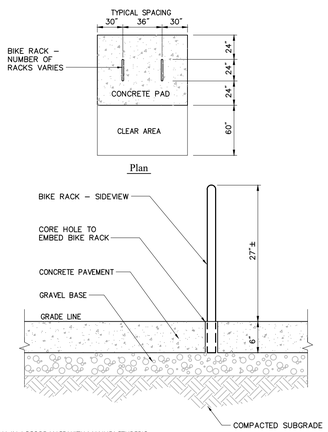
NOTES

DETAIL PROVIDED FOR GENERAL INFORMATION ONLY. CONTRACTOR TO PROVIDE STAMPED FINAL DESIGN OF LIGHT POLE FOUNDATION BASED ON RECOMMENDATIONS FROM THE GEOTECHNICAL ENGINEER.

Light Pole Foundation Detail (Up to 15' Pole)

12/19

N.T.S. Source: VHB LD_310A

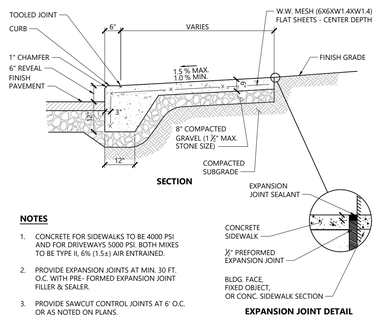


NOTES

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. FINAL BIKE RACK MAKE, MODEL, AND MANUFACTURER TO BE FINALIZED PRIOR TO CONSTRUCTION.

Bicycle Rack - Embedded

N.T.S. Source: VHB



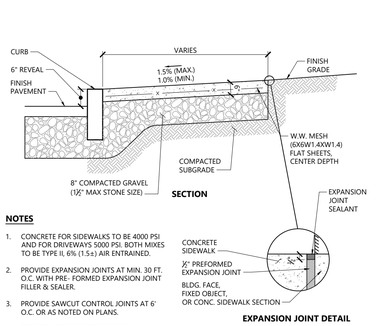
NOTES

1. CONCRETE FOR SIDEWALKS TO BE 4000 PSI AND FOR DRIVEWAYS 5000 PSI. BOTH MIXES TO BE TYPE II, 6% (1.5±) AIR ENTRAINED.
2. PROVIDE EXPANSION JOINTS AT MIN. 30 FT. O.C. WITH PRE- FORMED EXPANSION JOINT FILLER & SEALER.
3. PROVIDE SAWCUT CONTROL JOINTS AT 6' O.C. OR AS NOTED ON PLANS.
4. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
5. ALL EXPOSED CONCRETE SURFACES SHALL BE SEALED WITH A SILANE-SILOXANE PRODUCT.

Monolithic Concrete Curb (MCC) & Sidewalk

3/20

N.T.S. Source: VHB LD_421



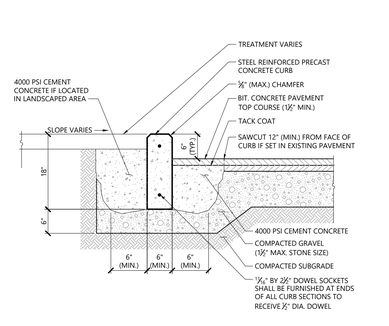
NOTES

1. CONCRETE FOR SIDEWALKS TO BE 4000 PSI AND FOR DRIVEWAYS 5000 PSI. BOTH MIXES TO BE TYPE II, 6% (1.5±) AIR ENTRAINED.
2. PROVIDE EXPANSION JOINTS AT MIN. 30 FT. O.C. WITH PRE- FORMED EXPANSION JOINT FILLER & SEALER.
3. PROVIDE SAWCUT CONTROL JOINTS AT 6' O.C. OR AS NOTED ON PLANS.
4. PROVIDE MEDIUM BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
5. ALL EXPOSED CONCRETE SURFACES SHALL BE SEALED WITH A SILANE-SILOXANE PRODUCT.

Concrete Sidewalk

3/20

N.T.S. Source: VHB LD_420



Precast Concrete Curb (PCC)

3/20

N.T.S. Source: VHB LD_404

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PO Box 9151
Watertown, MA 02471
617.924.1770

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by: MEA
Checked by: EKG
Issued for: Local Approvals
Date: February 9, 2022

Not Approved for Construction

Drawing Title: Site Details 1

Drawing Number: C6.01

Sheet 6 of 10

Project Number: 52816.00

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
NO. 47000
REGISTERED PROFESSIONAL ENGINEER
9/12/22

Saved Thursday, April 21, 2022 3:25:00 PM EGERADE Plotted Thursday, April 21, 2022 3:33:23 PM Eric Gerade

TABLE OF DIMENSIONS

BENDS	B	C	D	E	F	BENDS	B	C	D	E	F
6° 11 ¼"	8"	15"	12"	24"	12"	6° 45"	8"	30"	12"	24"	14"
6° 22 ½"	"	19"	"	"	13"	6° 90"	"	30"	"	"	27"
8° 11 ¼"	"	20"	"	"	12"	8° 45"	"	30"	"	"	24"
8° 22 ½"	"	22"	"	"	17"	8° 90"	"	38"	"	"	36"
12° 11 ¼"	"	30"	"	"	15"	12° 45"	"	40"	"	"	40"
12° 22 ½"	"	35"	"	"	25"	12° 90"	"	60"	"	"	52"

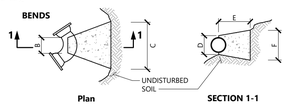
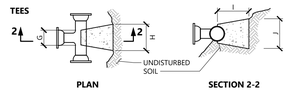


TABLE OF DIMENSIONS

TEES	G	H	I	J	TEES	G	H	I	J
6"X6"X6"	12"	24"	24"	18"	12"X12"X6"	12"	24"	24"	18"
8"X8"X8"	"	"	"	"	12"X12"X8"	"	"	"	24"
8"X8"X8"	"	"	"	24"	12"X12"X12"	"	36"	"	36"



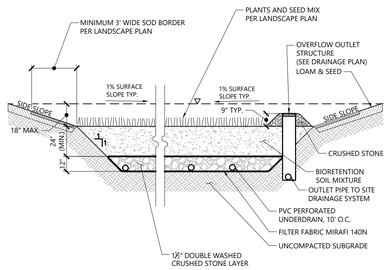
NOTES

1. PROVIDE BLOCKS FOR TAPPING SLEEVES, DEAD ENDS, GATE VALVES, AND VERTICAL BENDS (SAME SIZE AS REQUIRED FOR TEES). PROVIDE ANCHOR RODS AT VERTICAL BENDS AND GATE VALVES.
2. CONCRETE SHALL NOT BE PLACED AGAINST PIPE BEYOND FITTING.
3. CONCRETE SHALL BE 3,000 PSI-TYPE I.

Concrete Thrust Block

1/16

N.T.S. Source: VHB LD_260



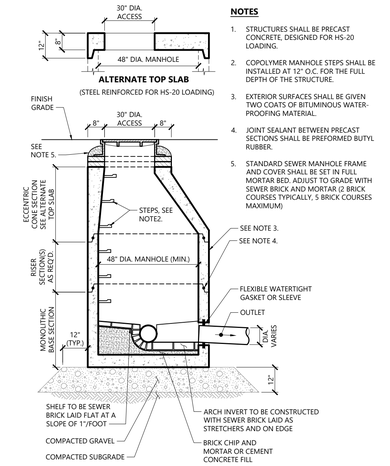
NOTES

1. INSTALL UNDERDRAINS AT 10 FEET ON CENTER. CONNECT TO DRAINS PER PLAN.
2. SIDE SLOPES SHALL BE 3:1 MAX. 2% MIN.

Bioretention Basin

3/20

N.T.S. Source: VHB LD_199



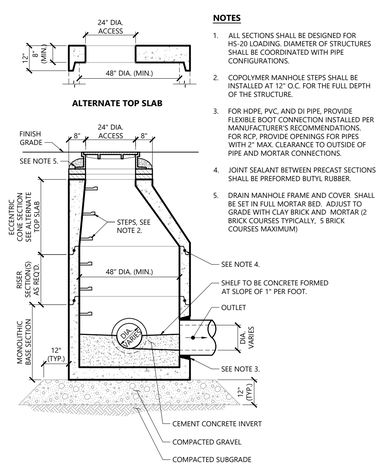
NOTES

1. STRUCTURES SHALL BE PRECAST CONCRETE, DESIGNED FOR HS-20 LOADING.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. EXTERIOR SURFACES SHALL BE GIVEN TWO COATS OF BITUMINOUS WATER-PROOFING MATERIAL.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. STANDARD SEWER MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH SEWER BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

Sanitary Sewer Manhole (SMH)

1/16

N.T.S. Source: VHB LD_200



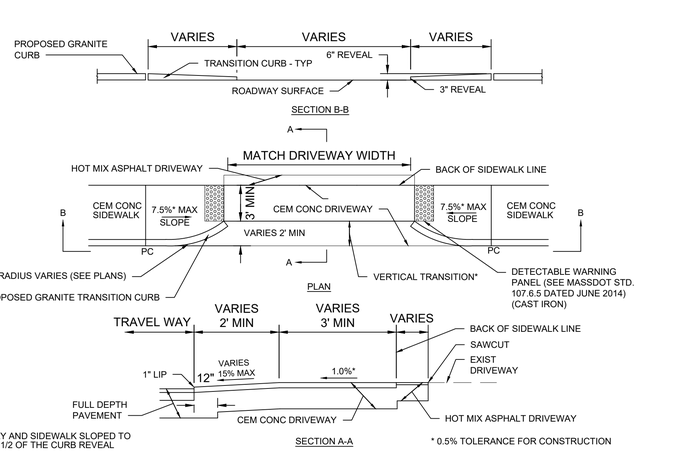
NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

Drain Manhole (DMH)

11/19

N.T.S. Source: VHB LD_115



Typical Driveway with Sidewalk and Curved Transition Curb

N.T.S.

NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
4. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

Catch Basin (CB) With Oil/Debris Trap

3/21

N.T.S. Source: VHB LD_101

NOTES:

1. AREA DRAINS SHALL BE NYLOPLAST 12" DIAMETER DRAIN BASIN, OR APPROVED EQUAL.
2. GRATES SHALL BE NYLOPLAST 12" PEDESTRIAN MODEL 1299CGP OR 12" DOME GRATE MODEL 1299CGD (OR APPROVED EQUAL).

Area Drain (AD) Type 1

12/19

N.T.S. Source: VHB LD_193

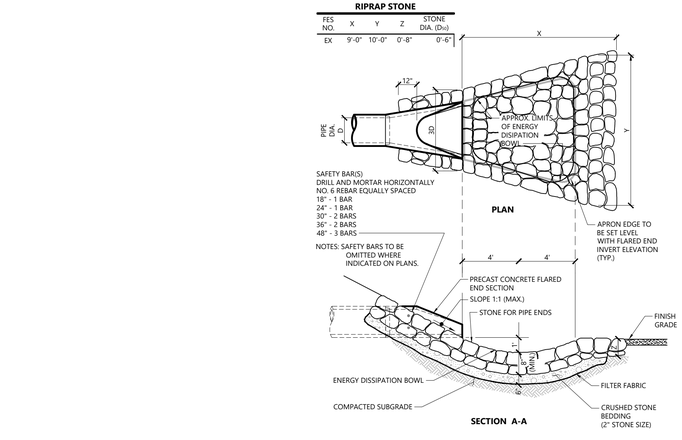
NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

Drain Manhole (DMH)

11/19

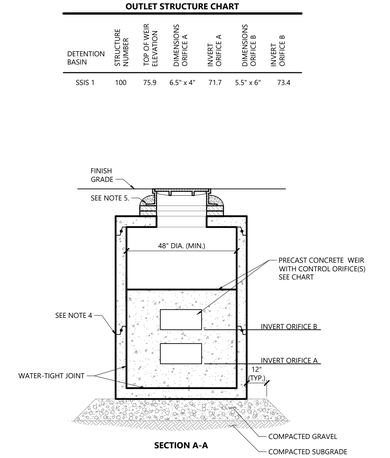
N.T.S. Source: VHB LD_115



Flared End Section (FES) with Stone Protection

3/19

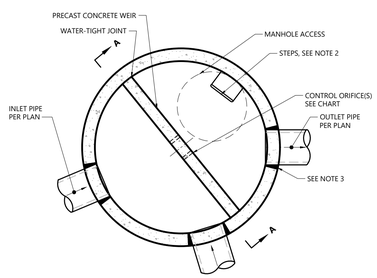
N.T.S. Source: VHB REV LD_134



Outlet Control Structure with Weir (OCS)

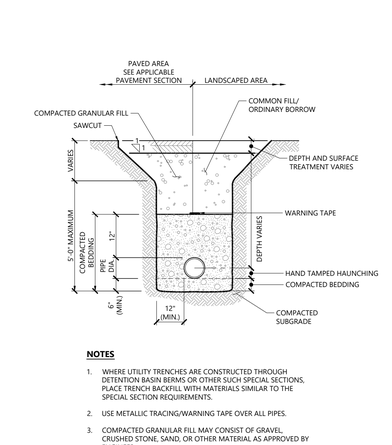
3/20

N.T.S. Source: VHB LD_162A



NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)



NOTES

1. WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
2. USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.
3. COMPACTED GRANULAR FILL MAY CONSIST OF GRAVEL, CRUSHED STONE, SAND, OR OTHER MATERIAL AS APPROVED BY ENGINEER.

Utility Trench

11/19

N.T.S. Source: VHB LD_300

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PO Box 9151
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617.924.1770

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by MEA | Checked by EKG

Issued for: Local Approvals | Date: February 9, 2022

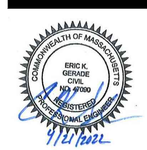
Not Approved for Construction

Drawing Title: Site Details 2

Drawing Number: C6.02

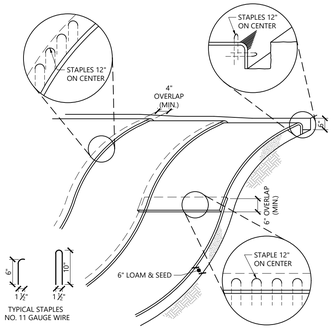
Sheet 7 of 10

Project Number: 52816.00



Saved Thursday, April 21, 2022 3:25:00 PM EGERADE Plotted Thursday, April 21, 2022 3:33:35 PM Eric Gerade

\\vhb\gbl\proj\Bedford\52816.00 Arlington Self-Storage\cad\ld\Planset\52816.00-DT.dwg



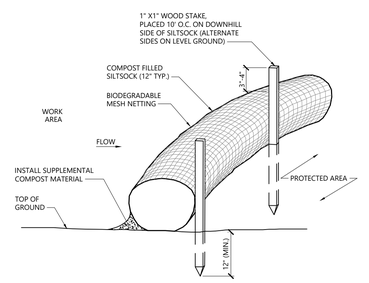
NOTES

1. BEGIN AT THE TOP OF BLANKET INSTALLATION AREA BY ANCHORING BLANKET IN A 6" DEEP TRENCH BACKFILL AND COMPACT TRENCH AFTER STAPLING.
2. ROLL THE BLANKET DOWN THE SWALE IN THE DIRECTION OF THE WATER FLOW.
3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2 OR MORE STRIP WIDTHS ARE REQUIRED.
4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE UPPER BLANKET END OVER LOWER END WITH 6 INCH (MIN.) OVERLAP AND STAPLE BOTH TOGETHER.
5. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.
6. EROSION CONTROL BLANKETS SHALL BE USED IN ALL AREAS WHERE SLOPES EXCEED 3:1.

Erosion Control Blanket Slope Installation

10/20

N.T.S. Source: VHB LD_680



NOTES

1. SILTSOCK SHALL BE FILTREXX SILTSOXX, OR APPROVED EQUAL.
2. SILTSOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.
3. SILTSOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
4. UPON SITE STABILIZATION, COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.

Siltsock - Erosion Control Barrier

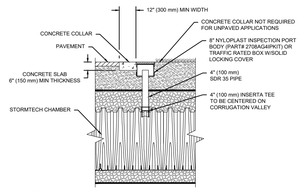
10/20

N.T.S. Source: VHB LD_658

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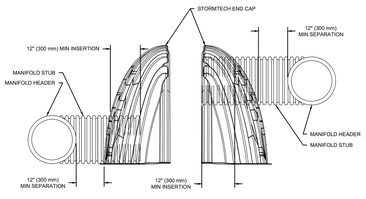
101 Walnut Street
PO Box 9151
Watertown, MA 02471
617.924.1770



NOTE:
INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION VALLEY.

Stormtech Inspection Port

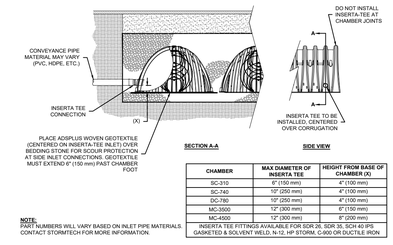
N.T.S. Source: Stormtech



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

Stormtech End Cap Insertion

N.T.S. Source: Stormtech



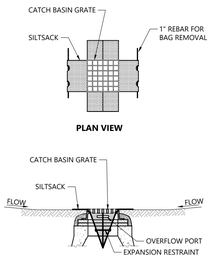
CHAMBER	MAX DIAMETER OF INSERTA TEE	HEIGHT FROM BASE OF CHAMBER (X)
SC-310	6" (150 mm)	4" (100 mm)
SC-740	10" (250 mm)	4" (100 mm)
DC-780	10" (250 mm)	4" (100 mm)
MC-3500	12" (300 mm)	6" (150 mm)
MC-4500	12" (300 mm)	8" (200 mm)

INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, SCH 40 IPS GASKETED & SOLVENT WELD, N-12, HP STORM, C-900 OR DUCTILE IRON

NOTE:
PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.

Stormtech Inserta-Tee Side Inlet

N.T.S. Source: Stormtech



PLAN VIEW

SECTION VIEW

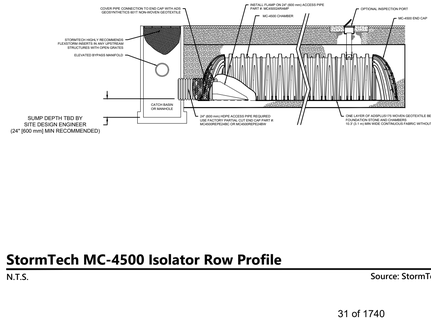
NOTES

1. INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND HAY BALES HAVE BEEN REMOVED.
2. GRATE TO BE PLACED OVER SILTSACK.
3. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED

Siltsack Sediment Trap

1/20

N.T.S. Source: VHB LD_674



INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A DIPSTICK OR STANDARD AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG.
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

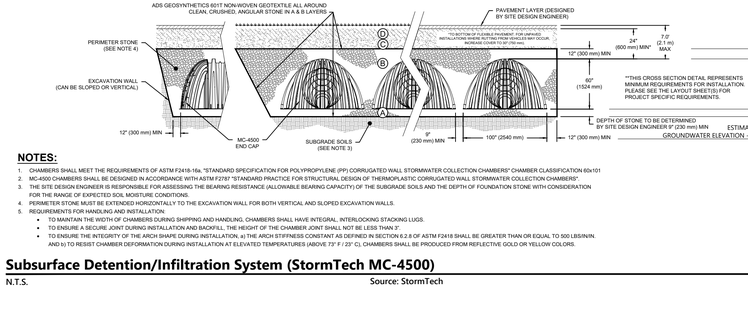
StormTech MC-4500 Isolator Row Profile

N.T.S. Source: StormTech

ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.

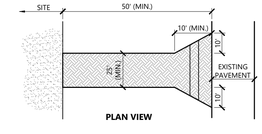


*THIS CROSS SECTION DETAIL REPRESENTS MINIMUM REQUIREMENTS FOR INSTALLATION. PLEASE SEE THE LAYOUT SHEET(S) FOR PROJECT SPECIFIC REQUIREMENTS.

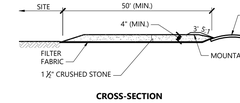
NOTES:
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
2. MC-4500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

Subsurface Detention/Infiltration System (StormTech MC-4500)

N.T.S. Source: StormTech



PLAN VIEW



CROSS-SECTION

NOTES

1. EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
3. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

Stabilized Construction Exit

1/16

N.T.S. Source: VHB LD_682

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by MEA Checked by EKG

Issued for
Local Approvals

Date
February 9, 2022

Not Approved for Construction

Drawing Title
Site Details 3

Drawing Number
C6.03

Sheet 8 of 10

Project Number
52816.00



Saved Thursday, April 21, 2022 3:25:00 PM EGERADE Plotted Thursday, April 21, 2022 3:33:45 PM Eric Gerade

Planting Notes

1. ALL PROPOSED PLANTING LOCATIONS SHALL BE STAKED AS SHOWN ON THE PLANS FOR FIELD REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL BELOW GRADE AND ABOVE GROUND UTILITIES AND NOTIFY OWNERS REPRESENTATIVE OF CONFLICTS.
3. NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICT.
4. A 3-INCH DEEP MULCH PER SPECIFICATION SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS, AND IN ALL PLANTING BEDS, UNLESS OTHERWISE INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
5. ALL TREES SHALL BE BALLED AND BURLAPPED, UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATION, OR APPROVED BY THE OWNER'S REPRESENTATIVE.
6. FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLANT LIST AND PLANT LABELS PRIOR TO BIDDING.
7. ANY PROPOSED PLANT SUBSTITUTIONS MUST BE REVIEWED BY LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE.
8. ALL PLANT MATERIALS INSTALLED SHALL MEET THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND CONTRACT DOCUMENTS.
9. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
10. AREAS DESIGNATED "LOAM & SEED" SHALL RECEIVE MINIMUM 6" OF LOAM AND SPECIFIED SEED MIX. LAWNS OVER 2:1 SLOPE SHALL BE PROTECTED WITH EROSION CONTROL FABRIC.
11. ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT DOCUMENTS SHALL BE LOAM AND SEEDED OR MULCHED AS DIRECTED BY OWNER'S REPRESENTATIVE.
12. THIS PLAN IS INTENDED FOR PLANTING PURPOSES. REFER TO SITE / CIVIL DRAWINGS FOR ALL OTHER SITE CONSTRUCTION INFORMATION.

Plant Maintenance Notes

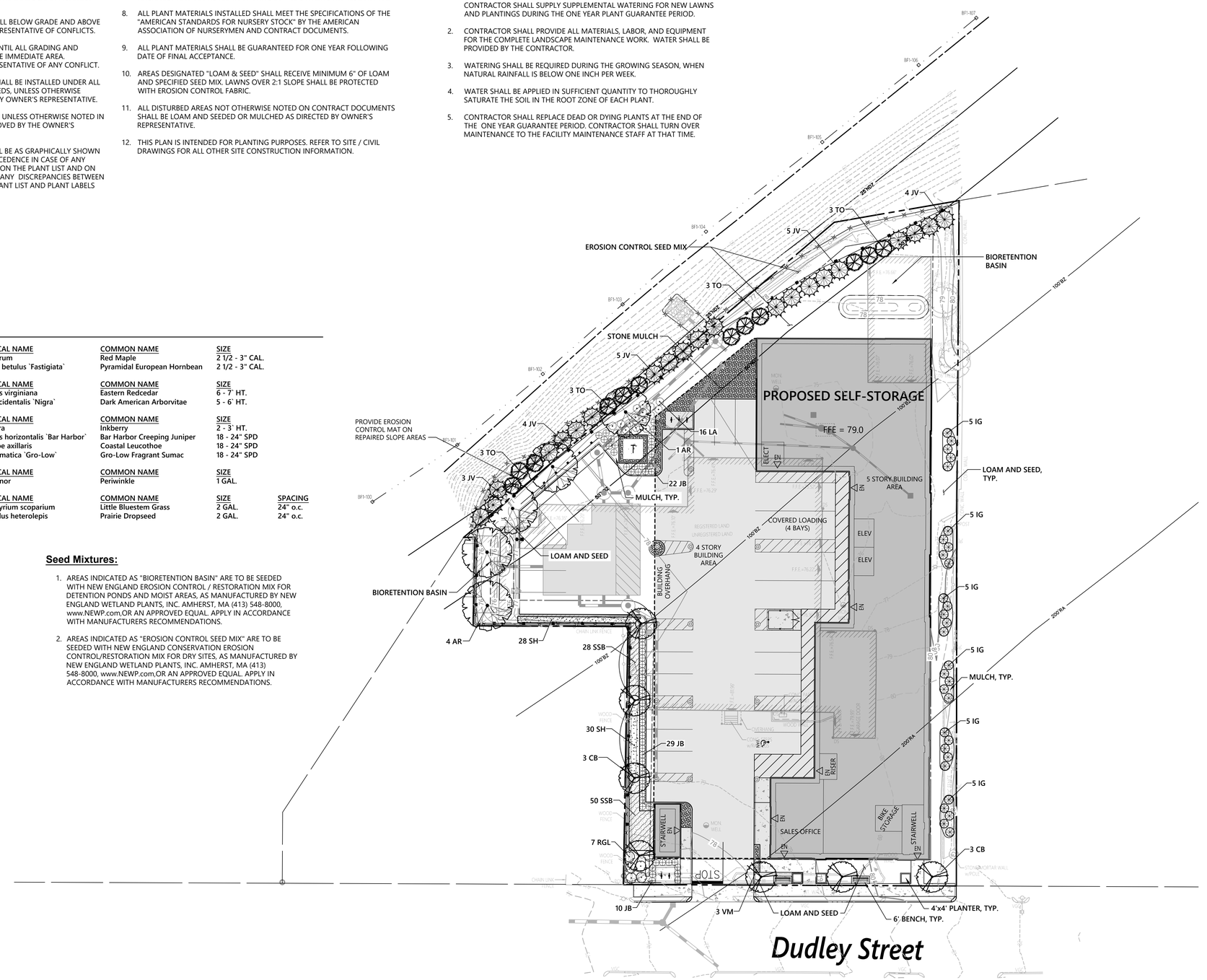
1. CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWNS AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWNS AND PLANTINGS DURING THE ONE YEAR PLANT GUARANTEE PERIOD.
2. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
3. WATERING SHALL BE REQUIRED DURING THE GROWING SEASON, WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
4. WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
5. CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.

PLANT SCHEDULE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	
AR	5	Acer rubrum	Red Maple	2 1/2 - 3" CAL.	
CB	7	Carpinus betulus `Fastigiata`	Pyramidal European Hornbean	2 1/2 - 3" CAL.	
EVERGREEN TREES	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	
JV	21	Juniperus virginiana	Eastern Redcedar	6 - 7` HT.	
TO	12	Thuja occidentalis `Nigra`	Dark American Arborvitae	5 - 6` HT.	
SHRUBS	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	
IG	30	Ilex glabra	Inkberry	2 - 3` HT.	
JB	61	Juniperus horizontalis `Bar Harbor`	Bar Harbor Creeping Juniper	18 - 24" SPD	
LA	16	Leucothoe axillaris	Coastal Leucothoe	18 - 24" SPD	
RGL	6	Rhus aromatica `Gro-Low`	Gro-Low Fragrant Sumac	18 - 24" SPD	
GROUNDCOVER	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	
VM	3	Vinca minor	Periwinkle	1 GAL.	
ORNAMENTAL GRASSES	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**SPACING**
SSB	78	Schizachyrium scoparium	Little Bluestem Grass	2 GAL.	24" o.c.
SH	58	Sporobolus heterolepis	Prairie Dropseed	2 GAL.	24" o.c.

Seed Mixtures:

1. AREAS INDICATED AS "BIORETENTION BASIN" ARE TO BE SEEDED WITH NEW ENGLAND EROSION CONTROL / RESTORATION MIX FOR DETENTION PONDS AND MOIST AREAS, AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC. AMHERST, MA (413) 548-8000, www.NEWP.com,OR AN APPROVED EQUAL. APPLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. AREAS INDICATED AS "EROSION CONTROL SEED MIX" ARE TO BE SEEDED WITH NEW ENGLAND CONSERVATION EROSION CONTROL/RESTORATION MIX FOR DRY SITES, AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC. AMHERST, MA (413) 548-8000, www.NEWP.com,OR AN APPROVED EQUAL. APPLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.



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0 10 20 40 Feet

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.
1	ARB COMMENTS	4/21/2022	EKG

Designed by: SJH
Checked by: EKG
Issued for: Local Approvals
Date: February 9, 2022

Not Approved for Construction

Drawing Title: Planting Plan

Drawing Number: L1.01

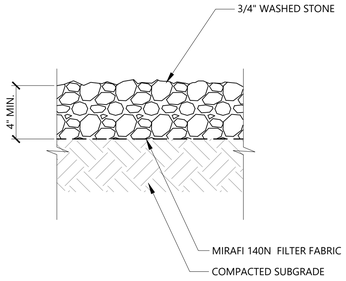
Sheet 9 of 10

Project Number: 52816.00

MASSACHUSETTS — JOSHUA J. KUCHMAY — NO. 1513 — REGISTERED LANDSCAPE ARCHITECT
4/21/2022

Saved Thursday, April 21, 2022 11:14:46 AM JOSHUALEMIEUX Plotted Thursday, April 21, 2022 11:25:06 AM Joshua Lemieux

\\vhb\gbl\proj\Bedford\52816.00 Arlington Self-Storage\cad\ld\Planset\52816.00-LA.dwg



NOTES

1. EDGE CONDITIONS VARIES. WHERE STONE MUCH DOES NOT ABUT CURB OR BUILDING FACE PROVIDE 12" LONG STEEL EDGING

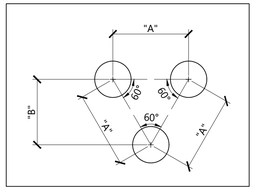
Stone Mulch

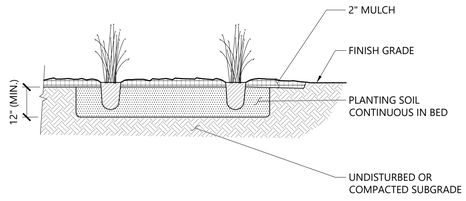
11/15

N.T.S. Source: VHB LD_

PLANT SPACING

PLANT SPACING("A")	ROW SPACING ("B")
6 IN. O.C.	5 IN. O.C.
8 IN. O.C.	7 IN. O.C.
10 IN. O.C.	8 ½ IN. O.C.
12 IN. O.C.	10 ½ IN. O.C.
15 IN. O.C.	13 IN. O.C.
18 IN. O.C.	16 IN. O.C.
24 IN. O.C.	21 IN. O.C.
30 IN. O.C.	26 IN. O.C.
36 IN. O.C.	30 IN. O.C.
48 IN. O.C.	42 IN. O.C.
54 IN. O.C.	48 IN. O.C.
60 IN. O.C.	54 IN. O.C.

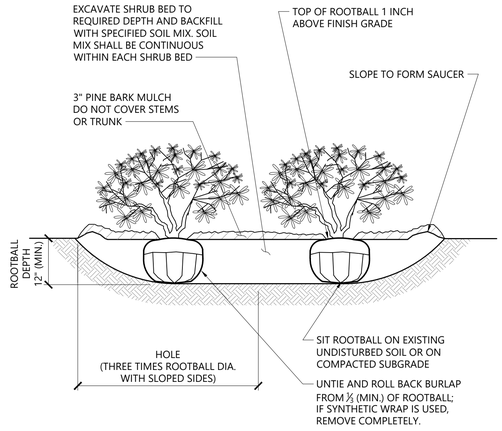




Perennial and Ornamental Grass Planting

1/16

N.T.S. Source: VHB LD_618



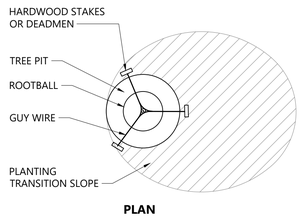
NOTES

1. LOOSEN ROOTS AT THE OUTER EDGE OF ROOTBALL OF CONTAINER GROWN SHRUBS.

Shrub Bed Planting

1/16

N.T.S. Source: VHB LD_601



PLAN

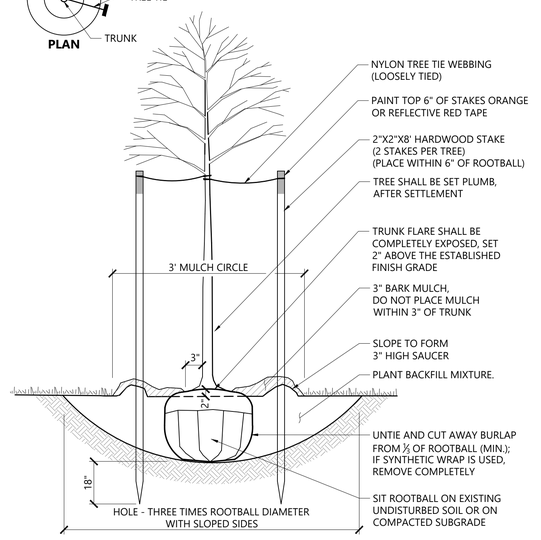
Tree Planting on Slope

1/16

N.T.S. Source: VHB LD_605



PLAN



Tree Planting (For Trees Under 4" Caliper)

9/21

N.T.S. Source: VHB LD_602

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Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by SJH — Checked by EKG

Issued for: Local Approvals — Date: February 9, 2022

Not Approved for Construction

Drawing Title: Planting Details

Drawing Number: L2.01

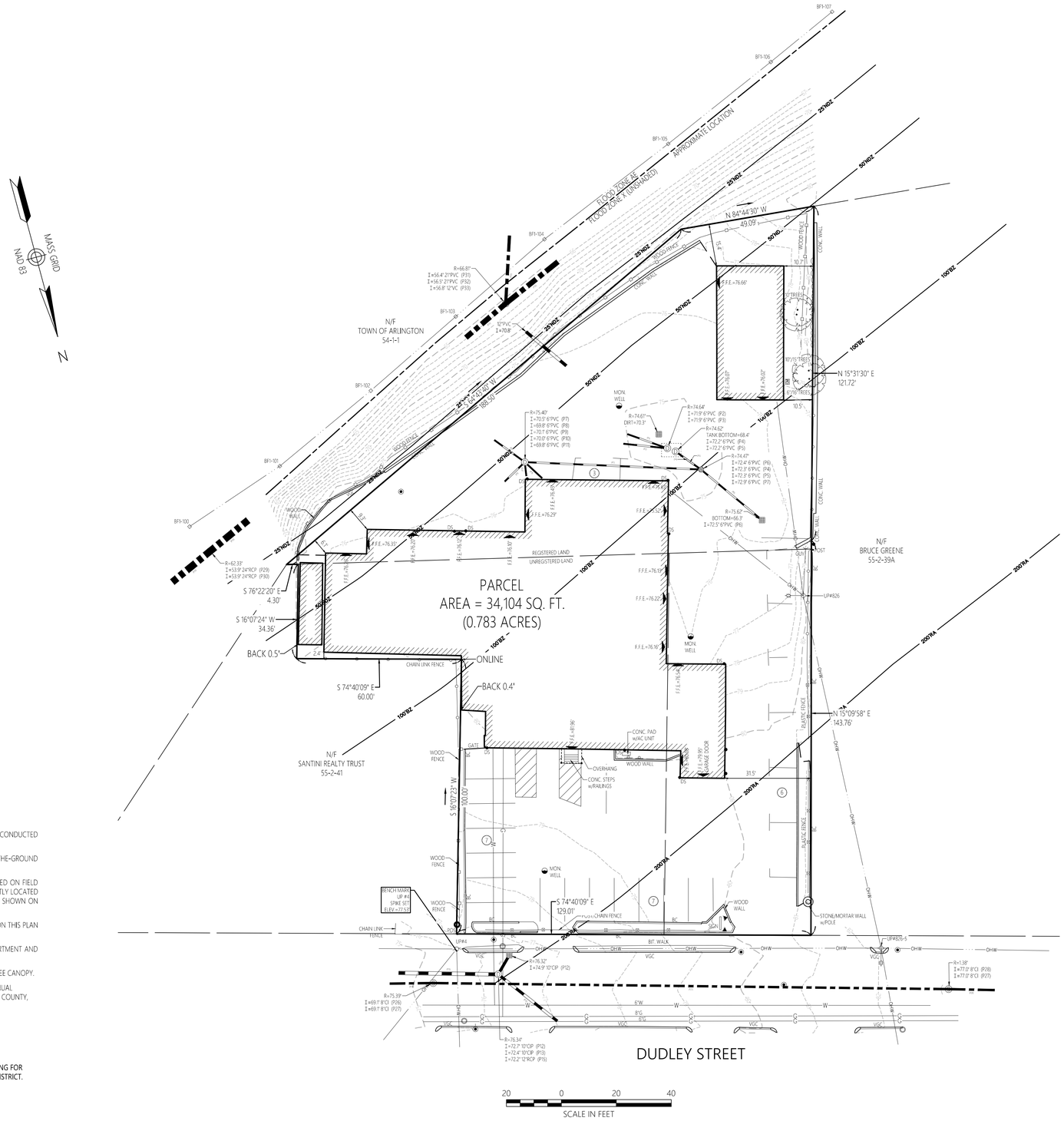


Sheet 10 of 10

Project Number: 52816.00

Saved Tuesday, February 8, 2022 10:57:43 AM VHAGEN Plotted Tuesday, February 8, 2022 3:35:14 PM Win Hagen

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General Notes

1) THE PROPERTY LINES SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN OCTOBER, 2021 AND FROM DEEDS AND PLANS OF RECORD.
2) THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY VHB, INC. IN OCTOBER, 2021.
3) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
4) HORIZONTAL DATUM IS BASED ON MASS. GRID SYSTEM, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO NAVD OF 1988.
5) THE WETLANDS SHOWN ON THIS PLAN WERE FLAGGED BY VHB ENVIRONMENTAL DEPARTMENT AND FIELD SURVEYED BY VHB IN OCTOBER, 2021.
6) THE TREE SYMBOL OUTLINE SHOWN ON THIS PLAN DOES NOT REPRESENT THE ACTUAL TREE CANOPY.
7) THE LOT LIES ENTIRELY WITHIN ZONE X (UNSHADED) (AREAS TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE FLOOD INSURANCE RATE MAP FOR MIDDLESEX COUNTY, MASSACHUSETTS, MAP NUMBER 25017C0416E, EFFECTIVE DATE JUNE 4, 2010.

Zoning

THE LOT LIES ENTIRELY WITHIN THE INDUSTRIAL DISTRICT (I) AS SHOWN ON GIS MAPPING FOR THE TOWN OF ARLINGTON MASSACHUSETTS" AND THE INLAND WETLAND OVERLAY DISTRICT. DIMENSIONAL REQUIREMENTS FOR A (I) AT THE TIME OF THIS SURVEY ARE:

	REQUIRED	EXISTING
MINIMUM LOT AREA	N/A	34,104 S.F
MINIMUM FRONTAGE	N/A	129.01 FEET
MINIMUM FRONT YARD SETBACK	10 FEET	57.0 FEET
MINIMUM SIDE YARD SETBACK	10 FEET	0.0 FEET
MINIMUM REAR YARD SETBACK	10 FEET	6.1 FEET
MAXIMUM BUILDING HEIGHT	65*/39 FEET	23.8 FEET

*SUBJECT TO AMENITY REQUIREMENTS IN SECTION 5.6.2 D(7)

Saved Monday, February 7, 2022 9:14:56 AM RBOUSQUET Plotted Monday, February 7, 2022 9:15:43 AM Russell Bousquet

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Legend

- DRAIN MANHOLE
- CATCH BASIN
- SEWER MANHOLE
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- MANHOLE
- HH HAND HOLE
- WATER GATE
- FIRE HYDRANT
- GAS GATE
- BOLLARD w/LIGHT
- STREET SIGN
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY WIRE
- MONITORING WELL
- FLOOD LIGHT
- W WELL
- MARSH
- F.F.E.=45.27' FINISHED FLOOR ELEVATION
- CNO COULD NOT OPEN
- NPV NO PIPES VISIBLE
- DYL DOUBLE YELLOW LINE
- DWL DASHED WHITE LINE
- SYL SINGLE YELLOW LINE
- LSA LANDSCAPED AREA
- EOP EDGE OF PAVEMENT
- CC CONCRETE CURB
- VGC VERTICAL GRANITE CURB
- SGE SLOPED GRANITE EDGE
- BB BITUMINOUS BERM
- BC BITUMINOUS CURB
- GUARD RAIL
- CHAIN LINK FENCE
- DRAINAGE LINE
- SEWER LINE
- OHW OVERHEAD WIRE
- E UNDERGROUND ELECTRIC
- T TELEPHONE LINE
- G GAS LINE
- W WATER LINE
- STONE WALL
- 100'BZ 100-FT BUFFER ZONE
- 100'RA 100-FT RIVER FRONT AREA
- 200'RA 200-FT RIVER FRONT AREA
- 301'+100 LIMIT MEAN ANNUAL HIGH WATER
- BF1-100 LIMIT OF BANK
- WF1-100 VEGETATED WETLAND BOUNDARY

Self-Storage

34 Dudley Street
Arlington, Massachusetts

No.	Revision	Date	Appvd.

Designed by | Checked by

Issued for | Date

October 28, 2021

Drawing Title

Existing Conditions Plan of Land

Drawing Number

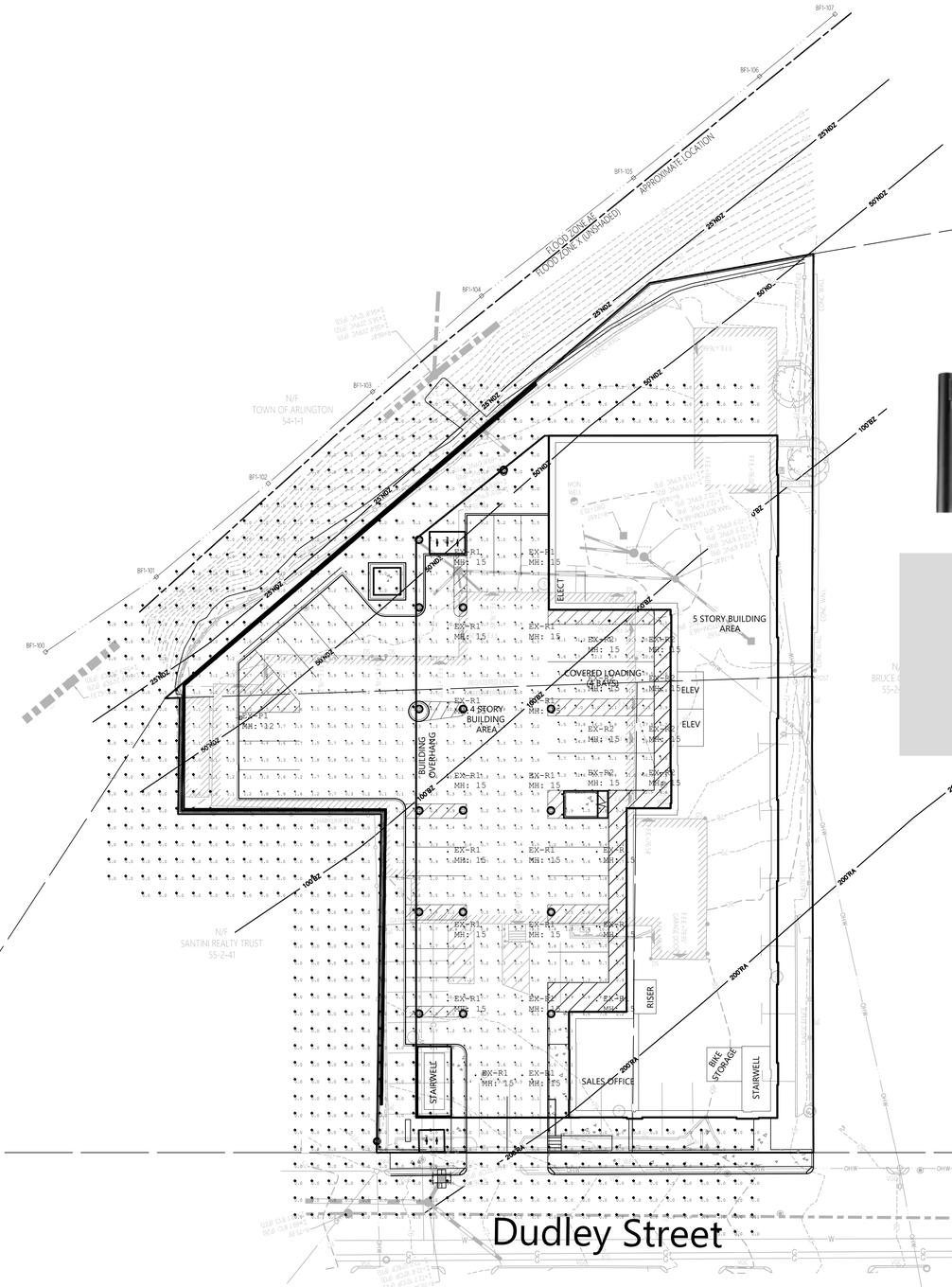
Sv-1

Sheet 1 of 1

Project Number

52816.00

COMMONWEALTH OF MASSACHUSETTS
RUSSELL J. BOUSQUET
NO. 35389
REGISTERED PROFESSIONAL LAND SURVEYOR
2-7-2022



DUDLEY STREET

Luminaire Schedule					
Qty	Label	Lum. Watts	Arrangement	LLF	Description
19	EX-R1	10	SINGLE	0.900	24823_BEGA_IES
8	EX-R2	28	SINGLE	0.900	24827_BEGA
1	EX-P1	66.5	SINGLE	0.900	VP-S-36L-65-4K7-4W-BC

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
COVERED LOADING BAYS	Fc	10.94	36.3	1.7	6.44	21.35
SITE	Fc	0.85	10.8	0.0	N.A.	N.A.

OPTICS STRIKE

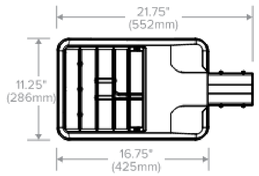
VIPER S

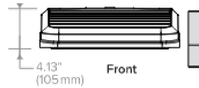
SMALL VIPER LUMINAIRE

CATALOG #:

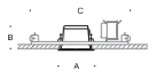


DIMENSIONS





Weight	15.0 lbs (6.8 kg)
EPA	.67 ft²



LED recessed ceiling downlights - wide beam

	LED	β	A	B	C
24827	24.5W	29°	6⅞	5	18

β = Beam angle

Project: Arlington Self Storage - 34 Dudley Street - Site	
Contact: Paul Abdella, Specification Sales, (781) 272-2300 X208, pabdella@omnilite.com	Detail: Photometric Calculation
	Date: 02/09/2022
	Revision: 04/21/2022
	Scale: 1" = 20'-0"
	Drawn By: SHJ
illuminate, 44 Sixth Road, Woburn, MA 01801, (781) 935-8500; 333 Pleasant Valley Road, South Windsor, CT 06074, (860) 282-0597	Drawing Number: SL-1
	Sheet 1 of 1



1st. FLOOR GROSS
9,067 sq.ft. - Storage
907 sq.ft. - Office
9,974 sq. ft TOTAL

BUILDING GROSS
91,754 sq.ft. - Storage
907 sq.ft. - Office
92,858 sq. ft TOTAL

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13755 thompson place drive
mint hill, nc 28227
704-578-2851

PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT JAN MICHAEL BAKER No. 953114 MINT HILL NC COMMONWEALTH OF MASSACHUSETTS
04/21/22

Local Approvals Submission
April 21, 2022

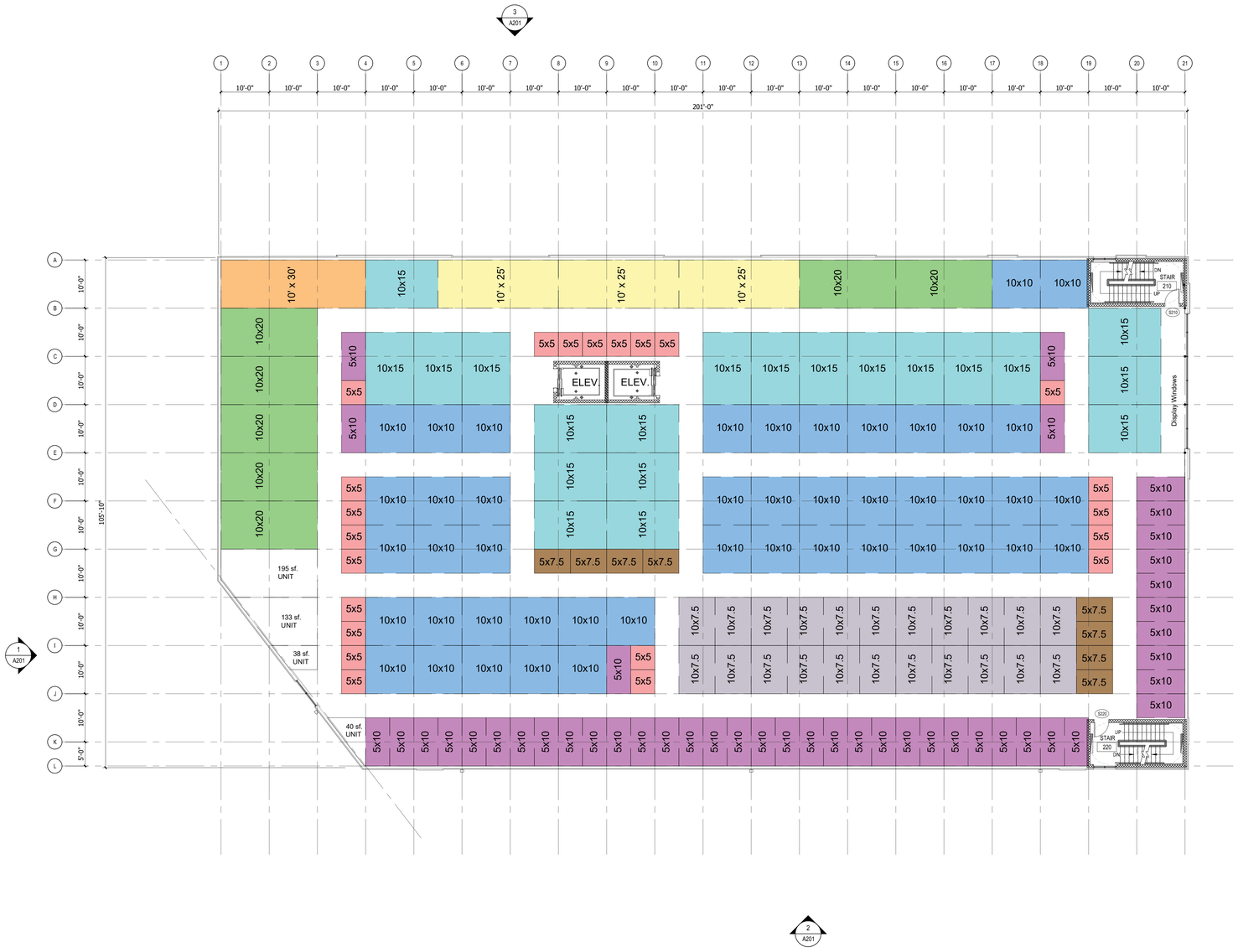
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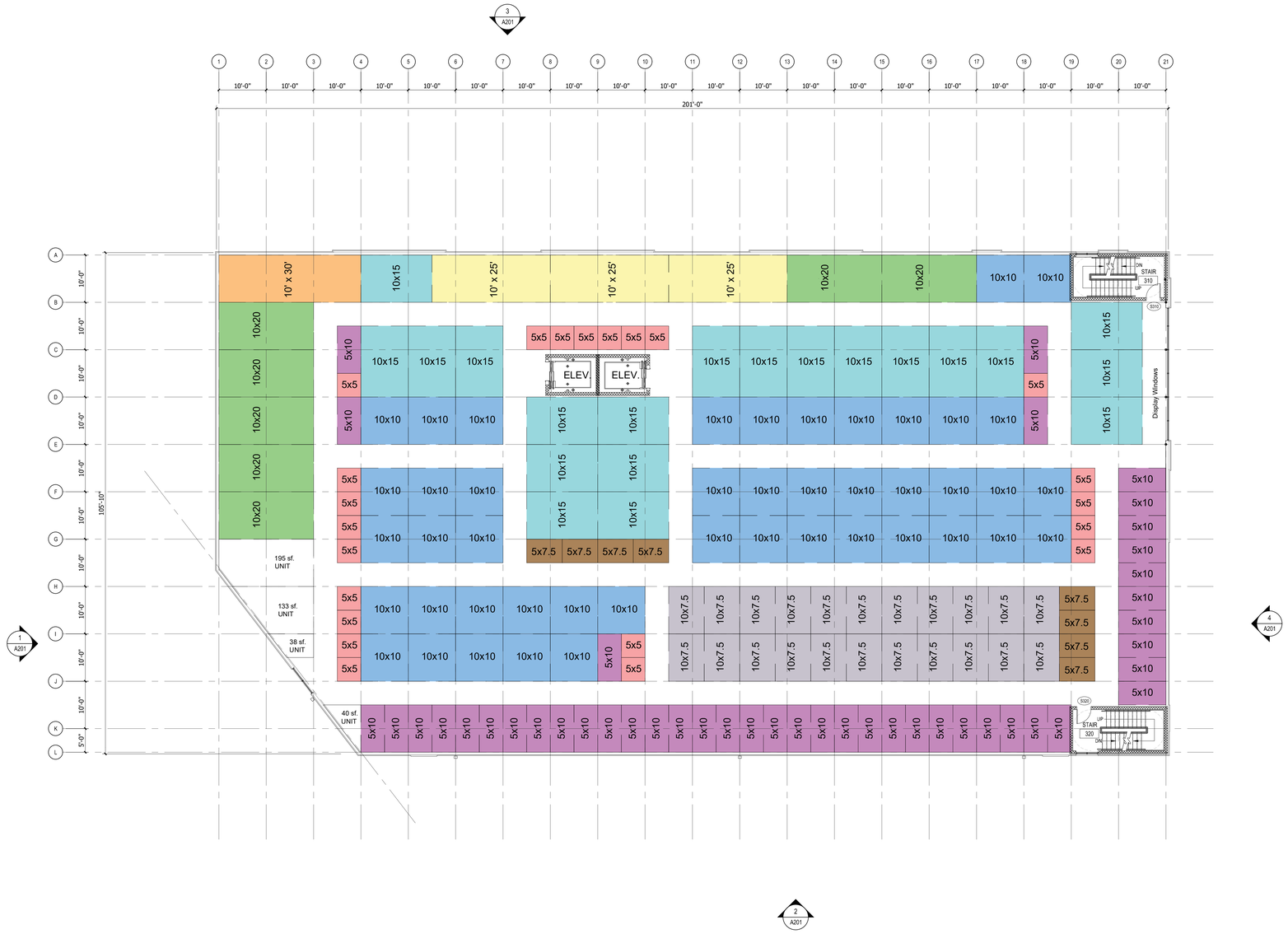
No.	Description	Date

1st. FLOOR PLAN

A-101

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3
A201
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
10'-0" 10'-0"
201'-0"
A B C D E F G H I J K L
10'-0" 10'-0" 10'-0" 10'-0" 10'-0" 10'-0" 10'-0" 10'-0" 10'-0" 10'-0" 5'-0"
105'-10"
10' x 30'
10x15
10' x 25'
10' x 25'
10' x 25'
10x20
10x20
10x10
10x10
UP
STAIR
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DN
S210
10x20
10x20
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ELEV.
ELEV.
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10x15
10x15
Display Windows
5x5
5x5
5x5
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10x10 10x10 10x10
10x15 10x15
10x15 10x15
5x7.5 5x7.5 5x7.5 5x7.5
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5x5
5x5
5x5
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195 sf.
UNIT
133 sf.
UNIT
38 sf.
UNIT
5x5
5x5
5x5
5x5
10x10 10x10 10x10 10x10 10x10 10x10
10x7.5 10x7.5 10x7.5 10x7.5 10x7.5 10x7.5 10x7.5 10x7.5 10x7.5 10x7.5 10x7.5 10x7.5
5x7.5
5x7.5
5x7.5
5x7.5
5x10
5x5
5x5
5x10
5x10
5x10
5x10
5x10
40 sf.
UNIT
5x10 5x10 5x10



3rd. FLOOR GROSS
20,721 sq. ft TOTAL

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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

JAN MICHAEL BIRT REGISTERED ARCHITECT No. 953114 MINT HILL, NC COMMONWEALTH OF MASSACHUSETTS
04/21/22

Local Approvals Submission
April 21, 2022

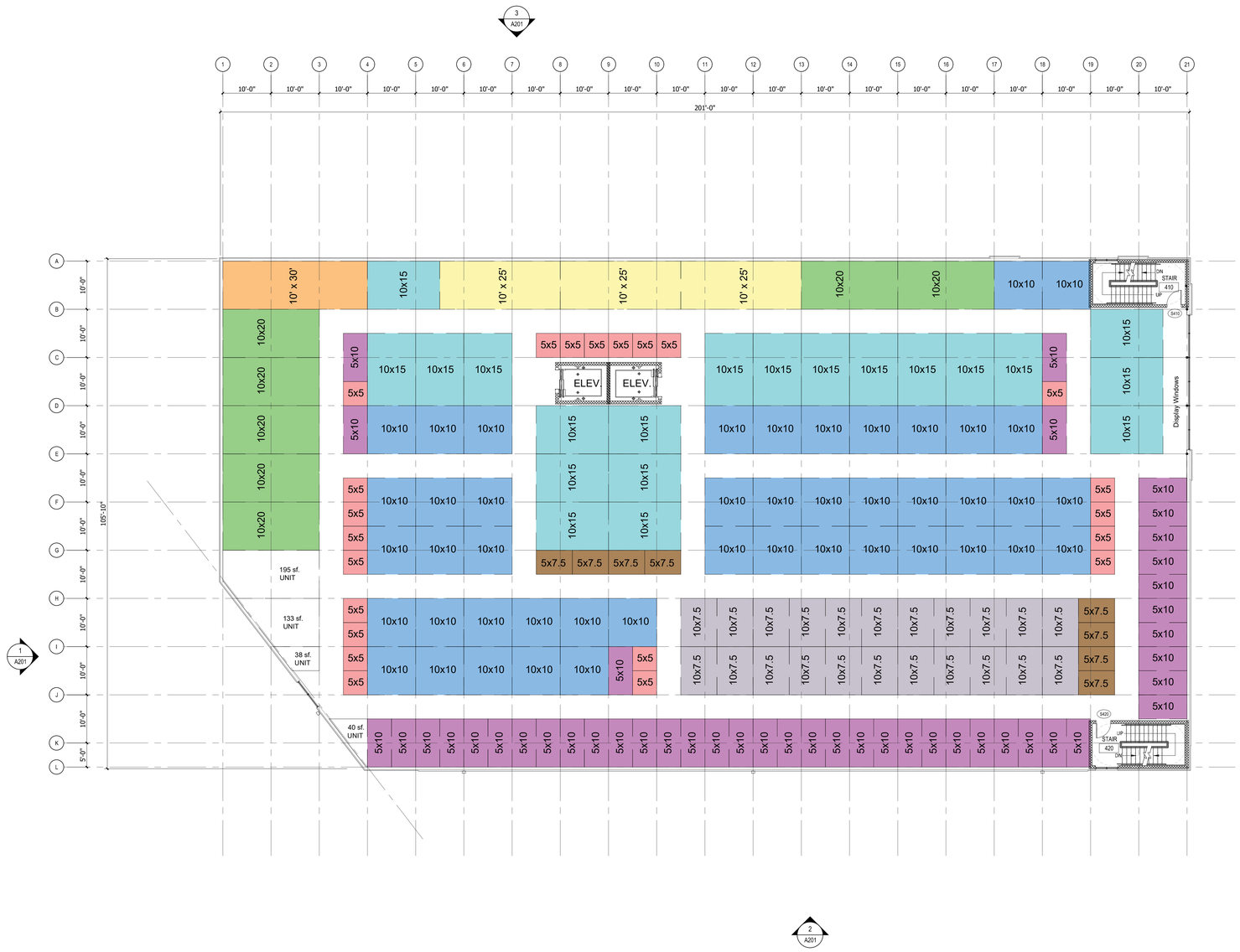
REVISIONS

No.	Description	Date

3rd. FLOOR PLAN

A-103

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4th. FLOOR GROSS
20,721 sq. ft TOTAL EACH

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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

JAN MICHAEL BIALOS REGISTERED ARCHITECT No. 953114 MINT HILL, NC COMMONWEALTH OF MASSACHUSETTS

04/21/22

Local Approvals Submission
April 21, 2022

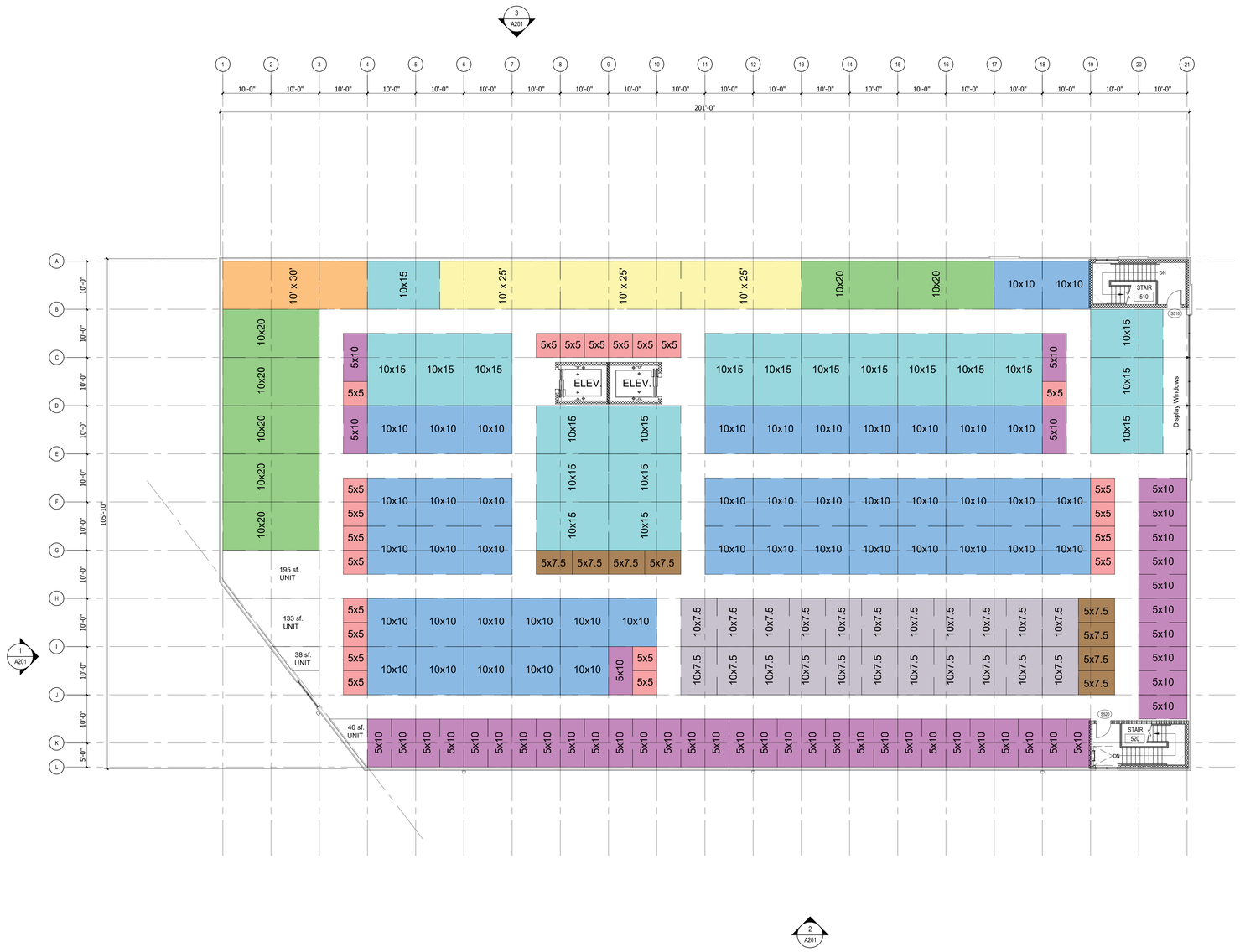
REVISIONS

No.	Description	Date

4th. FLOOR PLAN

A-104

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5th. FLOOR GROSS
20,721 sq. ft TOTAL EACH

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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

JAN MICHAEL BIALOS REGISTERED ARCHITECT No. 953114 MINT HILL, NC COMMONWEALTH OF MASSACHUSETTS

04/21/22

Local Approvals Submission
April 21, 2022

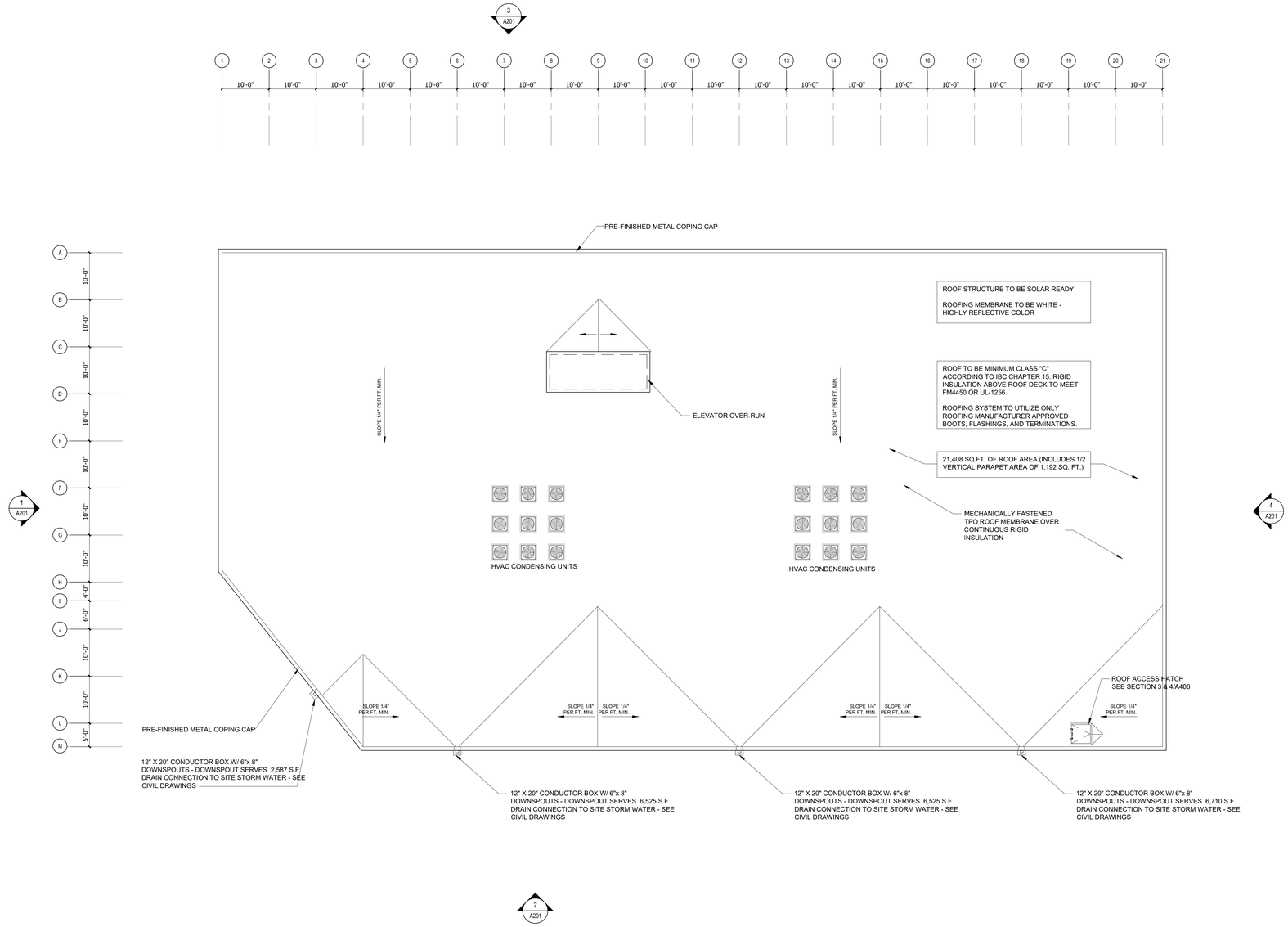
REVISIONS

No.	Description	Date

5th. FLOOR PLAN

A-105

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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT
IAN MICHAEL BRUTUS
No. 953114
MINT HILL, NC
COMMONWEALTH OF MASSACHUSETTS

04/21/22

Local Approvals Submission
April 21, 2022

REVISIONS

No.	Description	Date

ROOF PLAN

A-106

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ELEVATION FINISH LEGEND

EIFS 1 - MATCH SHERWIN WILLIAMS SW 6148 "WOOL SKEIN"

EIFS 2 - MATCH SHERWIN WILLIAMS SW 7004 "SNOWBOUND"

SCORE JOINTS

EIFS 3 - MATCH SHERWIN WILLIAMS SW 7016 "MINDFUL GRAY"

SCORE JOINTS

EIFS 4 - MATCH SHERWIN WILLIAMS SW 7019 "GAUNTLET GRAY"

SCORE JOINTS

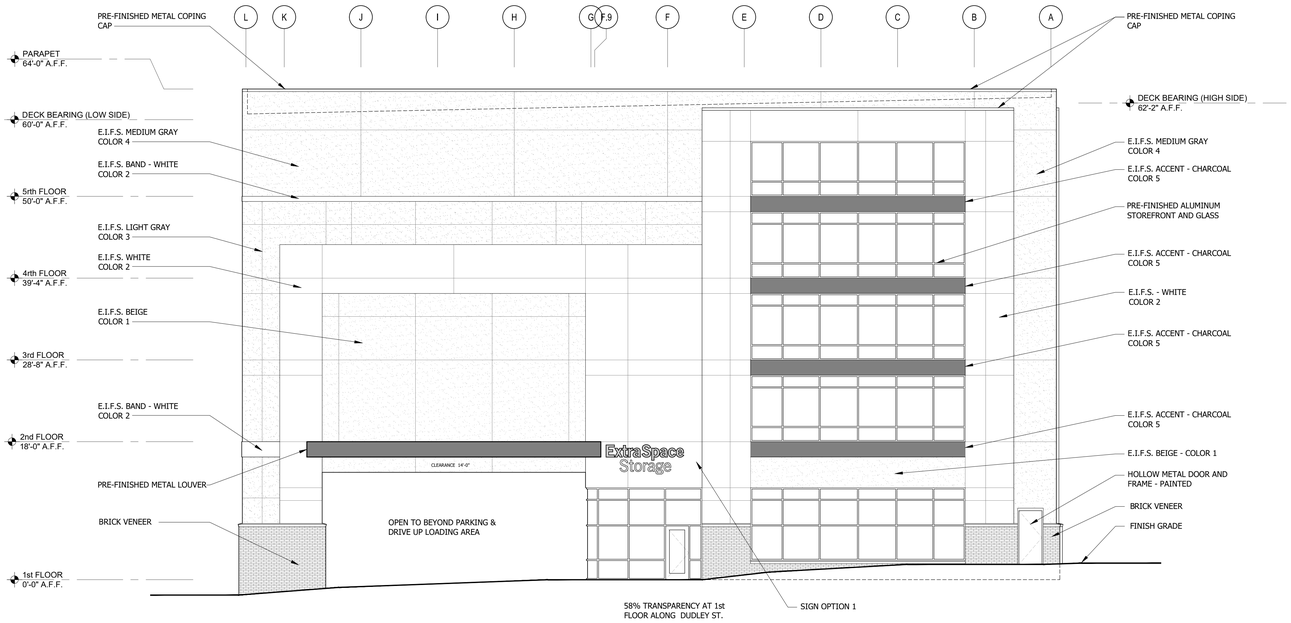
EIFS 5 - MATCH SHERWIN WILLIAMS SW

METAL CANOPY - MATCH WASABI GREEN EXR

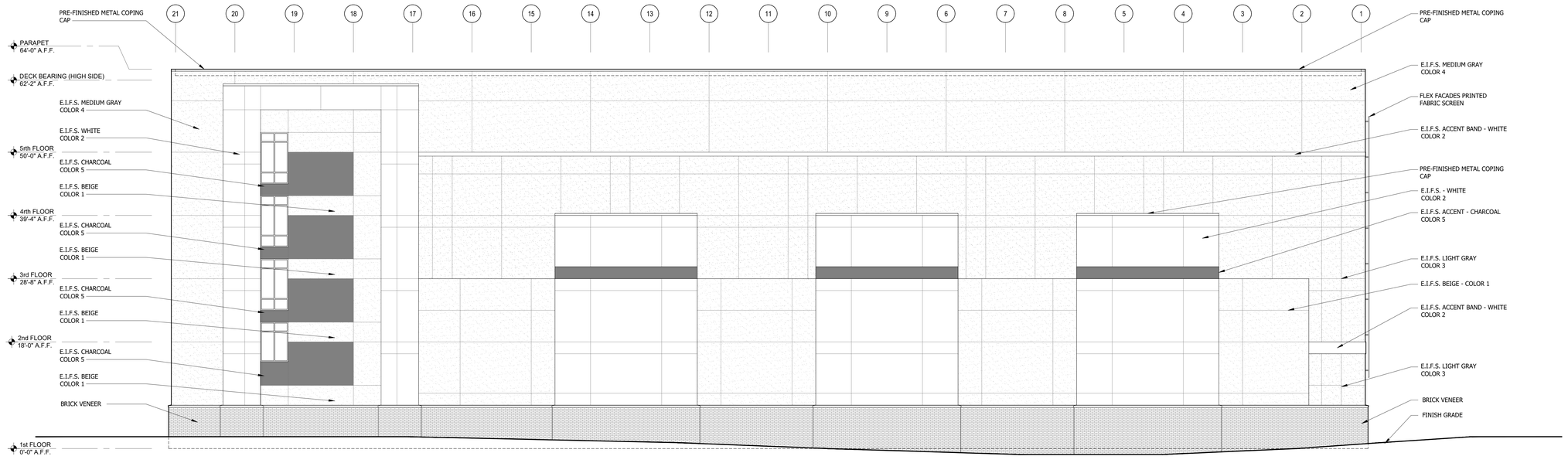
LEADER BOXES, DOWNSPOUTS AND COPING CAP METAL COLOR TO MATCH McELROY DARK BRONZE AND STOREFRONT COLOR

BRICK VENEER - TAYLOR CLAY "HAYFIELD" MODULAR WIRECUT

STOREFRONT COLOR DARK BRONZE WITH CLEAR GLASS



2 ELEVATION - NORTH — scale: 1/8"=1'-0"



1 ELEVATION - WEST — scale: 1/8"=1'-0"

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704-578-2851

PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT JAN MICHAEL SEITZ No. 9531H MINT HILL NC COMMONWEALTH OF NORTH CAROLINA

04/21/22

Local Approvals Submission
April 21, 2022

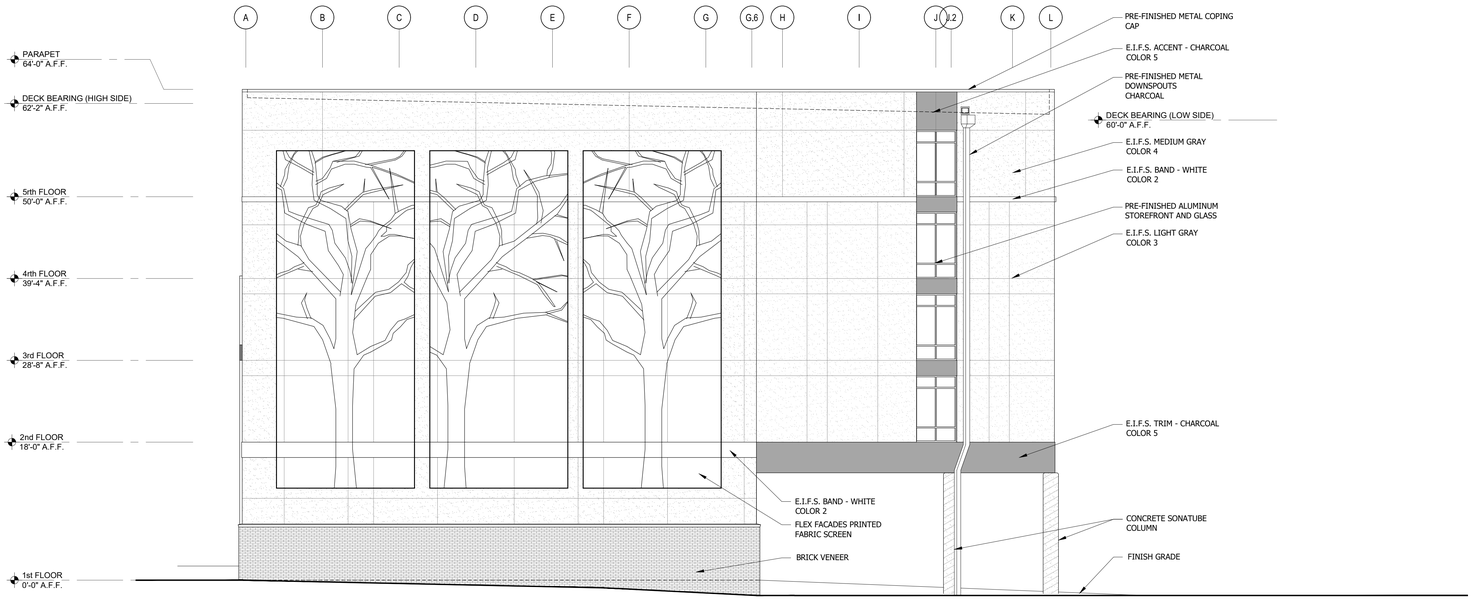
REVISIONS

No.	Description	Date

EXTERIOR ELEVATIONS

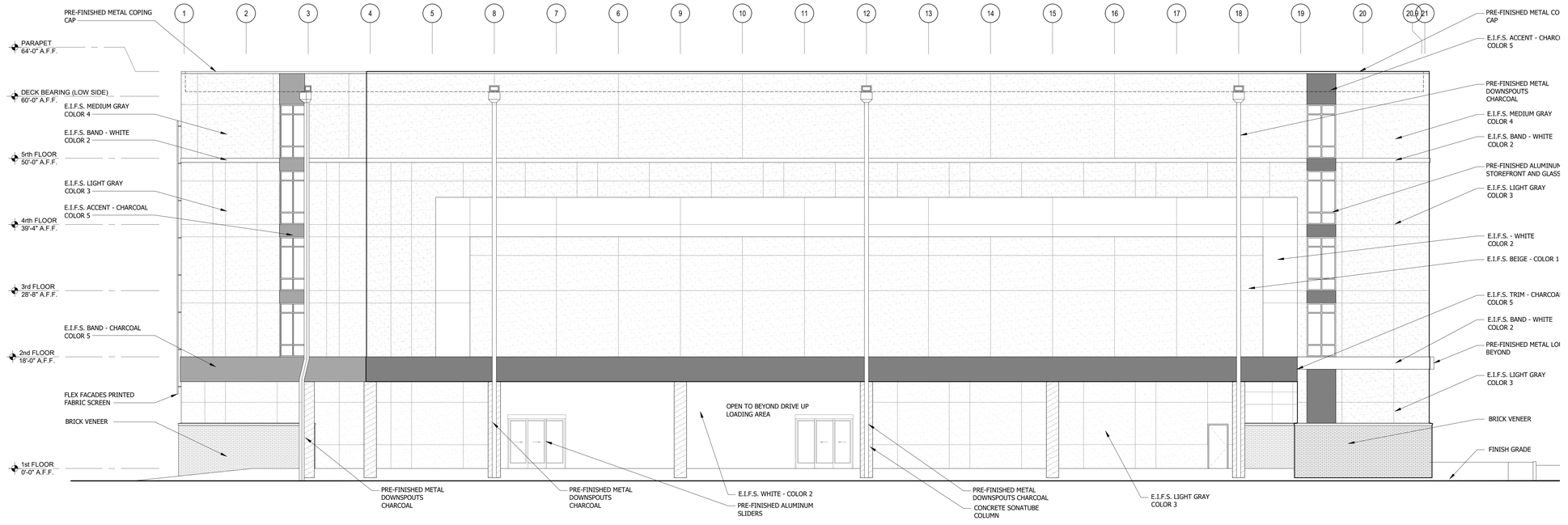
A-201

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2 ELEVATION - SOUTH

scale: 1/8"=1'-0"



1 ELEVATION - EAST

scale: 1/8"=1'-0"

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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT
JAY MICHAEL BRITTAIN
No. 36311
MINT HILL
NC
COMMONWEALTH OF MASSACHUSETTS
04/21/22

Local Approvals Submission
April 21, 2022

REVISIONS

No.	Description	Date

EXTERIOR ELEVATIONS

A-202

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STORMWATER REPORT

Proposed Self-Storage Facility

34 Dudley Street, Arlington, MA

PREPARED FOR

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive
Suite 155
Memphis, TN 38117

PREPARED BY

2 Bedford Farms Drive
Suite 200
Bedford, NH 03110
603.391.3900

February 2022
Revised April 21, 2022

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Stormwater Report Narrative **3**

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Site Description 3
Existing Drainage Conditions 4
Proposed Drainage Conditions 5
Environmentally Sensitive and Low Impact Development (LID) Techniques 5

Regulatory Compliance **11**

Massachusetts Department of Environmental Protection (DEP) – Stormwater Management Standards 11
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Standard 4: Water Quality 12
Standard 5: Land Uses with Higher Potential Pollutant Loads (LUHPPLs) 13
Standard 6: Critical Areas 13
Standard 7: Redevelopments and Other Projects Subject to the Standards only to the Maximum Extent Practicable 13
Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Controls 13
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Appendix C: Standard 3 Computations and Supporting Documentation 1
Appendix D: Standard 4 Computations and Supporting Information 1
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Project Benefits

Enhance Water Quality

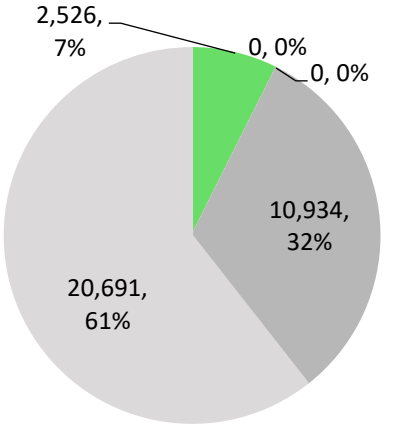
- Exceeds treatment standards set forth in MS4, TMDL, and Massachusetts Stormwater Standards
  - **60%** Phosphrous removal
  - **>80%** TSS removal
- Improvement of water quality for human health and ecological function
- LID features such as bioretention and an reduction of impervious areas

Peak Rate (and Volume) Attenuation

- Proposed 10 year storm flow rates are less than existing 2 year storm flow rates
- **312%** increase in pervious area on site
- Reduction in stormwater volume by incorporating a bioretention basin and subsurface infiltration basin

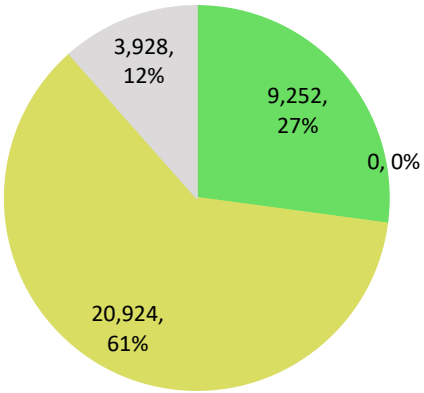
Protect Natural Resources

- Reduction of impervious surface in Riverfront Area
- Stabilization of existing, unstable slope
- Enhancement of upland vegetated transitions
- Enhance wildlife habitat
- Landscaping to include native species promoted by the Conservation Commission



Existing Conditions Areas (SF)





Proposed Conditions Areas (SF)

Checklist for Stormwater Report

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands Program

Checklist for Stormwater Report

A. Introduction

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the Massachusetts Stormwater Handbook. The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals.[1] This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8[2]
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

---

[1] The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

[2] For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands Program

Checklist for Stormwater Report

B. Stormwater Checklist and Certification

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

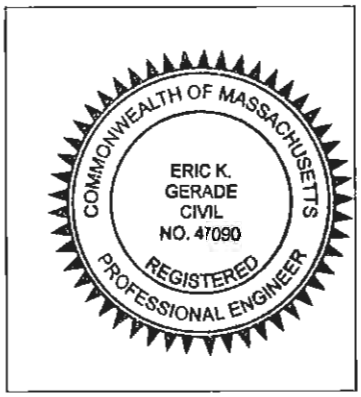
Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature



4/21/2022

Signature and Date

Checklist

Project Type: Is the application for new development, redevelopment, or a mix of new and redevelopment?

☐ New development

☒ Redevelopment

☐ Mix of New Development and Redevelopment

Checklist for Stormwater Report

Checklist (continued)

LID Measures: Stormwater Standards require LID measures to be considered. Document what environmentally sensitive design and LID Techniques were considered during the planning and design of the project:

- ☐ No disturbance to any Wetland Resource Areas
- ☐ Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- ☒ Reduced Impervious Area (Redevelopment Only)
- ☐ Minimizing disturbance to existing trees and shrubs
- ☐ LID Site Design Credit Requested:
  - ☐ Credit 1
  - ☐ Credit 2
  - ☐ Credit 3
- ☐ Use of “country drainage” versus curb and gutter conveyance and pipe
- ☒ Bioretention Cells (includes Rain Gardens)
- ☐ Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- ☐ Treebox Filter
- ☐ Water Quality Swale
- ☐ Grass Channel
- ☐ Green Roof
- ☐ Other (describe): _____

Standard 1: No New Untreated Discharges

- ☒ No new untreated discharges
- ☒ Outlets have been designed so there is no erosion or scour to wetlands and waters of the Commonwealth
- ☒ Supporting calculations specified in Volume 3 of the Massachusetts Stormwater Handbook included.

Checklist for Stormwater Report

Checklist (continued)

Standard 2: Peak Rate Attenuation

☐ Standard 2 waiver requested because the project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.

☐ Evaluation provided to determine whether off-site flooding increases during the 100-year 24-hour storm.

☒ Calculations provided to show that post-development peak discharge rates do not exceed pre-development rates for the 2-year and 10-year 24-hour storms. If evaluation shows that off-site flooding increases during the 100-year 24-hour storm, calculations are also provided to show that post-development peak discharge rates do not exceed pre-development rates for the 100-year 24-hour storm.

Standard 3: Recharge

☒ Soil Analysis provided.

☒ Required Recharge Volume calculation provided.

☐ Required Recharge volume reduced through use of the LID site Design Credits.

☒ Sizing the infiltration, BMPs is based on the following method: Check the method used.

☒ Static ☐ Simple Dynamic ☐ Dynamic Field[1]

☐ Runoff from all impervious areas at the site discharging to the infiltration BMP.

☒ Runoff from all impervious areas at the site is *not* discharging to the infiltration BMP and calculations are provided showing that the drainage area contributing runoff to the infiltration BMPs is sufficient to generate the required recharge volume.

☒ Recharge BMPs have been sized to infiltrate the Required Recharge Volume.

☐ Recharge BMPs have been sized to infiltrate the Required Recharge Volume *only* to the maximum extent practicable for the following reason:

- ☐ Site is comprised solely of C and D soils and/or bedrock at the land surface
- ☐ M.G.L. c. 21E sites pursuant to 310 CMR 40.0000
- ☐ Solid Waste Landfill pursuant to 310 CMR 19.000
- ☐ Project is otherwise subject to Stormwater Management Standards only to the maximum extent practicable.

☒ Calculations showing that the infiltration BMPs will drain in 72 hours are provided.

☐ Property includes a M.G.L. c. 21E site or a solid waste landfill and a mounding analysis is included.

[1] 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.

Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

☐ The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.

☐ Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.

Standard 4: Water Quality

The Long-Term Pollution Prevention Plan typically includes the following:

- Good housekeeping practices;
- Provisions for storing materials and waste products inside or under cover;
- Vehicle washing controls;
- Requirements for routine inspections and maintenance of stormwater BMPs;
- Spill prevention and response plans;
- Provisions for maintenance of lawns, gardens, and other landscaped areas;
- Requirements for storage and use of fertilizers, herbicides, and pesticides;
- Pet waste management provisions;
- Provisions for operation and management of septic systems;
- Provisions for solid waste management;
- Snow disposal and plowing plans relative to Wetland Resource Areas;
- Winter Road Salt and/or Sand Use and Storage restrictions;
- Street sweeping schedules;
- Provisions for prevention of illicit discharges to the stormwater management system;
- Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL;
- Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan;
- List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.

☒ A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.

☐ Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:

- ☐ is within the Zone II or Interim Wellhead Protection Area
- ☐ is near or to other critical areas
- ☐ is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
- ☐ involves runoff from land uses with higher potential pollutant loads.

☐ The Required Water Quality Volume is reduced through use of the LID site Design Credits.

☒ Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if applicable, the 44% TSS removal pretreatment requirement, are provided.

Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

☒ The BMP is sized (and calculations provided) based on:

- ☒ The ½" or 1" Water Quality Volume or
- ☐ The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.

☐ The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.

☐ A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided.

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)

☐ The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.

☐ The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted ***prior to*** the discharge of stormwater to the post-construction stormwater BMPs.

☒ The NPDES Multi-Sector General Permit does ***not*** cover the land use.

☐ LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.

☐ All exposure has been eliminated.

☐ All exposure has ***not*** been eliminated and all BMPs selected are on MassDEP LUHPPL list.

☐ The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.

Standard 6: Critical Areas

☐ The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.

☐ Critical areas and BMPs are identified in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

☒ The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a:

- ☐ Limited Project
- ☐ Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area.
- ☐ Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area
- ☐ Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff
- ☐ Bike Path and/or Foot Path
- ☒ Redevelopment Project
- ☐ Redevelopment portion of mix of new and redevelopment.

☐ Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report.

☐ The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b) improves existing conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information:

- Narrative;
- Construction Period Operation and Maintenance Plan;
- Names of Persons or Entity Responsible for Plan Compliance;
- Construction Period Pollution Prevention Measures;
- Erosion and Sedimentation Control Plan Drawings;
- Detail drawings and specifications for erosion control BMPs, including sizing calculations;
- Vegetation Planning;
- Site Development Plan;
- Construction Sequencing Plan;
- Sequencing of Erosion and Sedimentation Controls;
- Operation and Maintenance of Erosion and Sedimentation Controls;
- Inspection Schedule;
- Maintenance Schedule;
- Inspection and Maintenance Log Form.

☒ A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued)

☐ The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has ***not*** been included in the Stormwater Report but will be submitted ***before*** land disturbance begins.

☒ The project is ***not*** covered by a NPDES Construction General Permit.

☐ The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report.

☐ The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted BEFORE land disturbance begins.

Standard 9: Operation and Maintenance Plan

☒ The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information:

- ☒ Name of the stormwater management system owners;
- ☐ Party responsible for operation and maintenance;
- ☒ Schedule for implementation of routine and non-routine maintenance tasks;
- ☒ Plan showing the location of all stormwater BMPs maintenance access areas;
- ☐ Description and delineation of public safety features;
- ☐ Estimated operation and maintenance budget; and
- ☒ Operation and Maintenance Log Form.

☐ The responsible party is ***not*** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions:

- ☐ A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs;
- ☐ A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions.

Standard 10: Prohibition of Illicit Discharges

☒ The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges;

☐ An Illicit Discharge Compliance Statement is attached;

☐ NO Illicit Discharge Compliance Statement is attached but will be submitted ***prior to*** the discharge of any stormwater to post-construction BMPs.

Stormwater Report Narrative

This Stormwater Report has been prepared to demonstrate compliance with the Massachusetts Stormwater Management Standards in accordance with the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.00) and Water Quality Certification Regulations (314 CMR 9.00). This report also demonstrates compliance with the Town of Arlington Stormwater Management Standards.

Project Description

The Applicant, PSI Atlantic Arlington MA, LLC, is proposing to construct a Self-Storage redevelopment (the Project). As proposed, the Project consists of 92,858 square feet of building space, ancillary landscape improvements, parking spaces (23), and stormwater management and utility improvements to support this use.

The Project will entail the construction of a five story self-storage facility with associated parking and is not considered a Land Use with Higher Potential Pollutant Loads (LUHPPL).

Site Description

The Project Site is a 0.78-acre parcel of land (the Site) located within the Industrial zoning district at 34 Dudley Street in Arlington, Massachusetts (see Figure 1). The Site lies within the surface watershed of Mill Brook and is bounded by Dudley Street to the north, Mill Brook to the south, and commercial and residential uses to the east and west. See Figure 1, Site Locus Map.

Wetland Resource Areas on the Site include the following:

The resource areas identified on or near the Project Site subject to state regulations under the WPA include Bank and Riverfront Area. The resource areas are defined under the WPA (310 CMR 10.00) as follows:

- **Bank**: As defined at 310 CMR 10.54 (2), *"a Bank is the portion of the land surface which normally abuts and confines a water body … The upper boundary of Bank is the first observable break in slope or the mean annual flood level, whichever is lower."*
- **RA:** As defined by 310 CMR 10.58 (2)(a)(3), Riverfront Area is *"the area of land between a river's mean annual high-water line measured horizontally outward from the river and a parallel line located 200 feet away…"*

An additional resource area established under the Bylaw is the 100-foot adjacent upland resource area. For the purposes of this NOI, the URA has been broken down into separate buffer zones. These areas are defined as follows:

- 25-foot No Disturb Zone (NDZ) – the innermost 25 feet of the 100-foot URA
- 50-foot No Build Zone (NBZ) – the inner 50 feet of the 100-foot URA
- 100-foot URA – land within 100 feet of a resource area

Wetlands and their buffer zones on/adjacent to the property are described in more detail in the Notice of Intent narrative, bound separately.

Table 1 Existing Conditions Hydrologic Data

Name	Critical Area (yes/no)	Zone 1 or Zone A (yes/no)	ORW or SRW (yes/no)	Zone II or IWPA (yes/no)	Other
Mill Brook	No	No	No	No	*Impaired Waterbody (MA71-07)* *Benthic Macroinvertebrates* *Escherichia Coli (E. Coli)N/A*

According to the National Resources Conservation Service (NRCS), surface soils on the Site include Merrimac-Urban land complex and Udorthents. On-site soils are classified as Hydrologic Soil Groups (HSG D) . To support the redevelopment and in accordance with the Town of Arlington Inland Wetland District, a subsurface geotechnical investigation was performed by GeoEngineers, Inc, Boston, MA, and advanced borings in monitoring wells in December 2021 and January 2022. The results of the soil boring analysis, the soils on the site are classified as HSG A soils with an infiltration rate of 2.4 inches per hour. The Geotechnical Report is included in Appendix C, the Site is not considered to be within an area of rapid infiltration (soils with a saturated hydraulic conductivity greater than 2.4 inches per hour).

Existing Drainage Conditions

Under existing conditions, the Site is developed and predominately impervious with generally flat topography. Just to the south of the southerly property boundary, there is a steep slope down to Mill Brook. Figure 2 illustrates the existing drainage patterns on the Site. Currently, the Site is divided into two drainage areas as stormwater runoff flows to two Design Points, which have been identified as Dudley Street (DP-1) and Mill Brook (DP-2). Table 2 below provides a summary of the existing conditions hydrologic data.

Table 2 Existing Conditions Hydrologic Data

Drainage Area	Discharge Location	Design Point	Area (Acres)	Curve Number	Time of Concentration (min)
EX-1	Dudley Street	DP-1	0.325	97	5.0
EX-2	Mill Brook	DP-2	0.459	96	5.0

Proposed Drainage Conditions

Figure 3 illustrates the proposed "post construction" drainage conditions for the project. As shown, the Site will be divided into 5 drainage areas that discharge treated stormwater to the 2 existing Design Points. Table 3 below provides a summary of the proposed conditions hydrologic data.

Table 3 Proposed Conditions Hydrologic Data

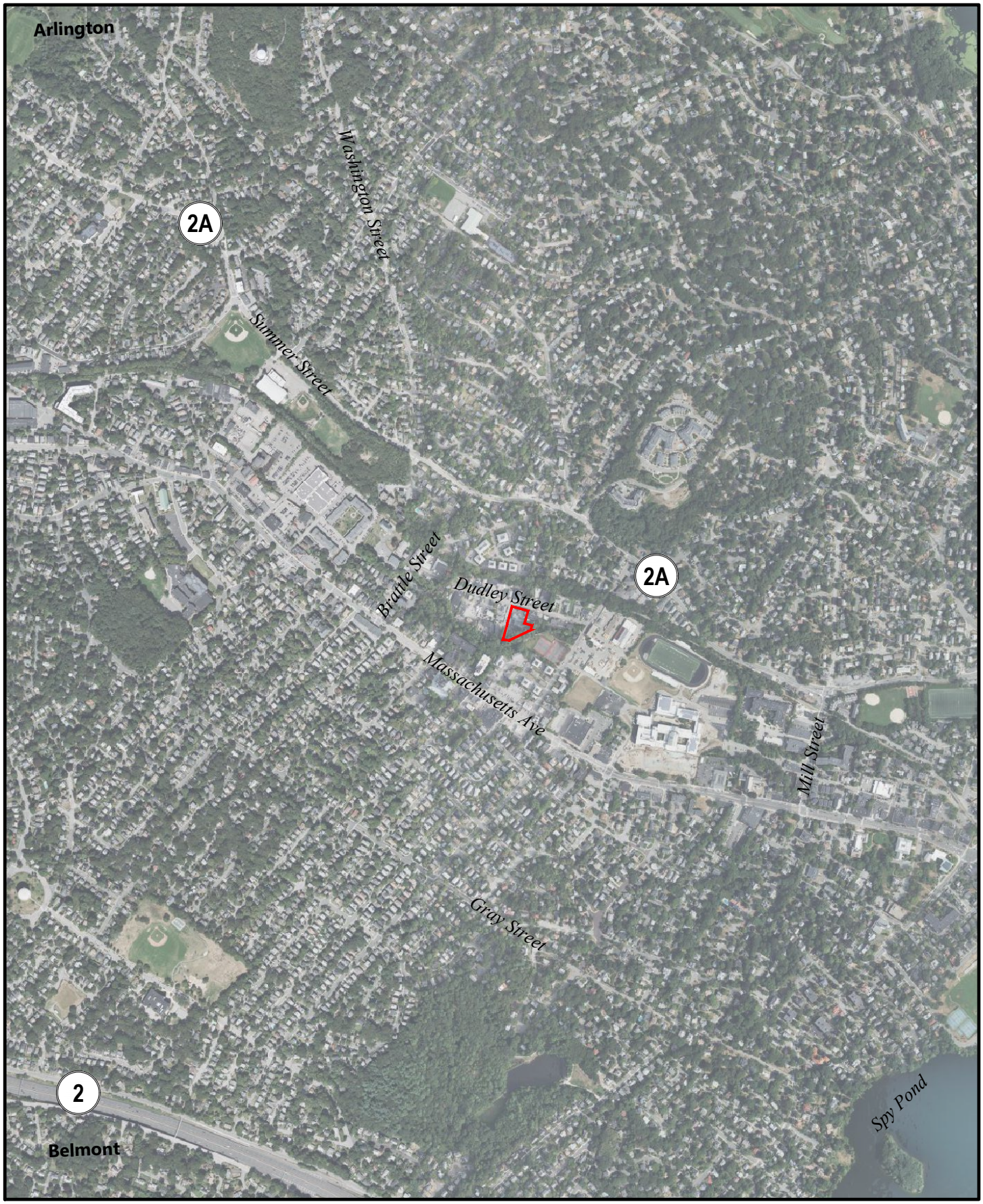
Drainage Area	Discharge Location	Design Point	Area (Acres)	Curve Number	Time of Concentration (min)
PR-1	Mill Brook	DP-2	0.480	98	5.0
PR-2a	Mill Brook	DP-2	0.084	80	5.0
PR-2b	Mill Brook	DP-2	0.105	80	5.0
PR-3	Mill Brook	DP-2	0.006	98	5.0
PR-4	Mill Brook	DP-2	0.068	98	5.0
PR-5	Dudley Street	DP-1	0.040	87	5.0

The site design integrates a comprehensive stormwater management system that has been developed in accordance with the Massachusetts Stormwater Handbook. The proposed stormwater management system has been designed to treat the half inch Water Quality Volume.

Environmentally Sensitive and Low Impact Development (LID) Techniques

Low Impact Development (LID) techniques and stormwater Best Management Practices (BMPs) implemented into the site design include reduction of impervious area, minimized disturbance to existing trees and vegetation, and bioretention basins. One of the bioretention basins has been incorporated, as recommended by the Zoning Bylaws, to collect stormwater from the parking area and the other collects runoff from the side yard setback and rear of the property. In general, stormwater from the proposed impervious surfaces is collected in a bioretention basin or deep sump hooded catch basins, prior to being discharged into a subsurface infiltration basin

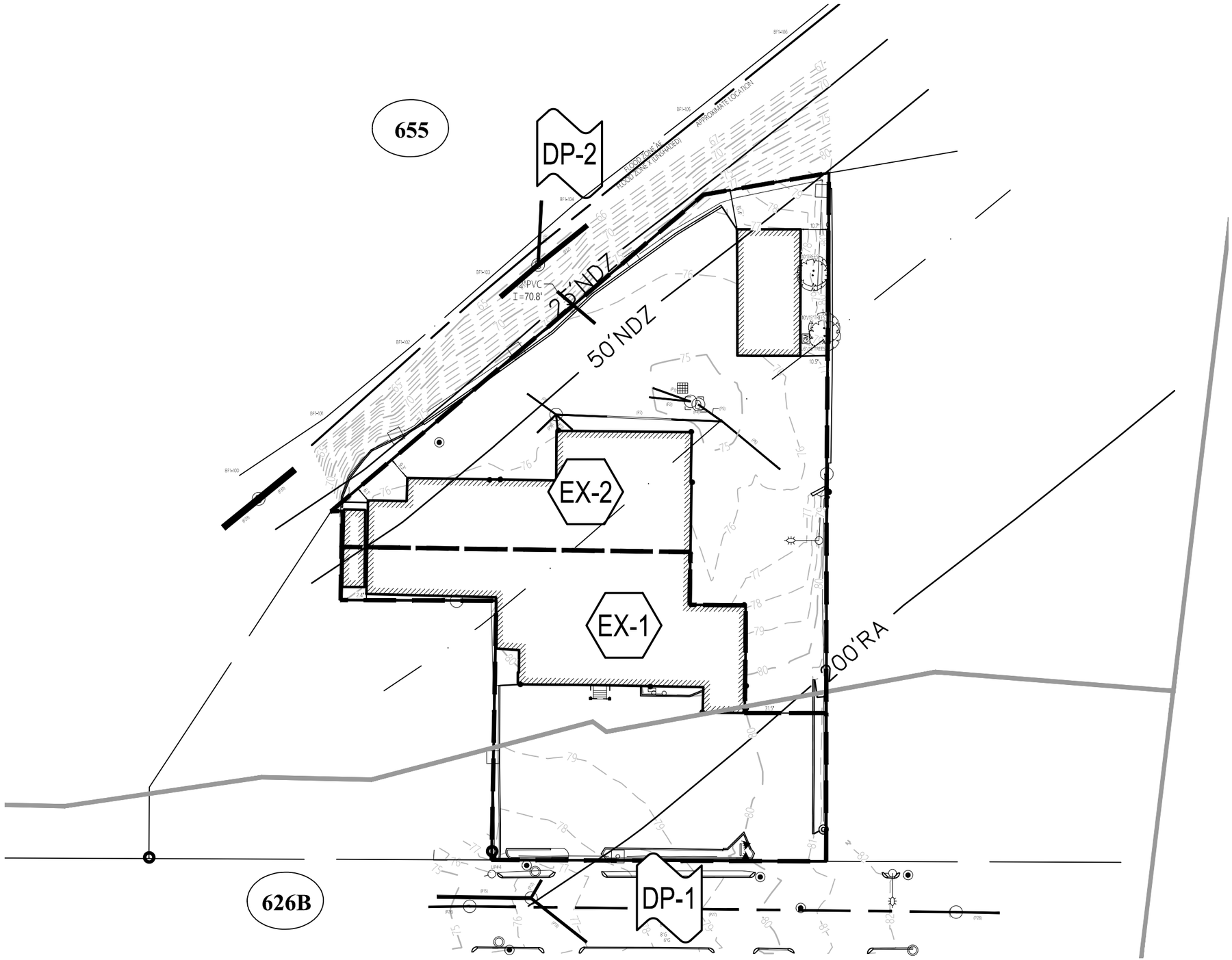
with an isolator row. The deep sump hooded catch basin and isolator row provide pretreatment prior to final treatment by the infiltration basin. Additionally, the bioretention basin has a sediment forebay for pretreatment prior to final treatment by the bioretention basin soil media. The overflow from the bioretention basin is connected to the larger subsurface infiltration basin to control larger storm events and provide additional water quality benefits. The southerly bioretention basin is allowed to overtop during larger storm events and flow overland towards the rear of the property, similar, to the existing flow path. The subsurface infiltration basin has an outlet control structure to control the rates of flow and ensure proper water quality volume, prior to discharging to the existing pipe discharge to the south of the property towards Mill Brook.



Site Location Map
DEP Permitting
Arlington Self Storage Facility
Arlington, MA

0 500 1000 2000 Feet

Figure 1



Legend

SYMBOLS

- X — **DESIGN POINT**
- X — **DRAINAGE AREA DESIGNATION**
- X — **POND**

LINETYPES

- **DRAINAGE AREA BOUNDARY**
- **TIME OF CONCENTRATION FLOW LINE**
- **SOIL TYPE BOUNDARY**
- **100' BUFFER ZONE**
- 4–220 4–219 — **WETLAND BOUNDARY**

SCS SOIL CLASSIFICATIONS

- 626B — **MERRIMAC-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES, HSG A**
- 655 — **UDORTHENTS, WET SUBSTRATUM**

0 20 40 80 Feet

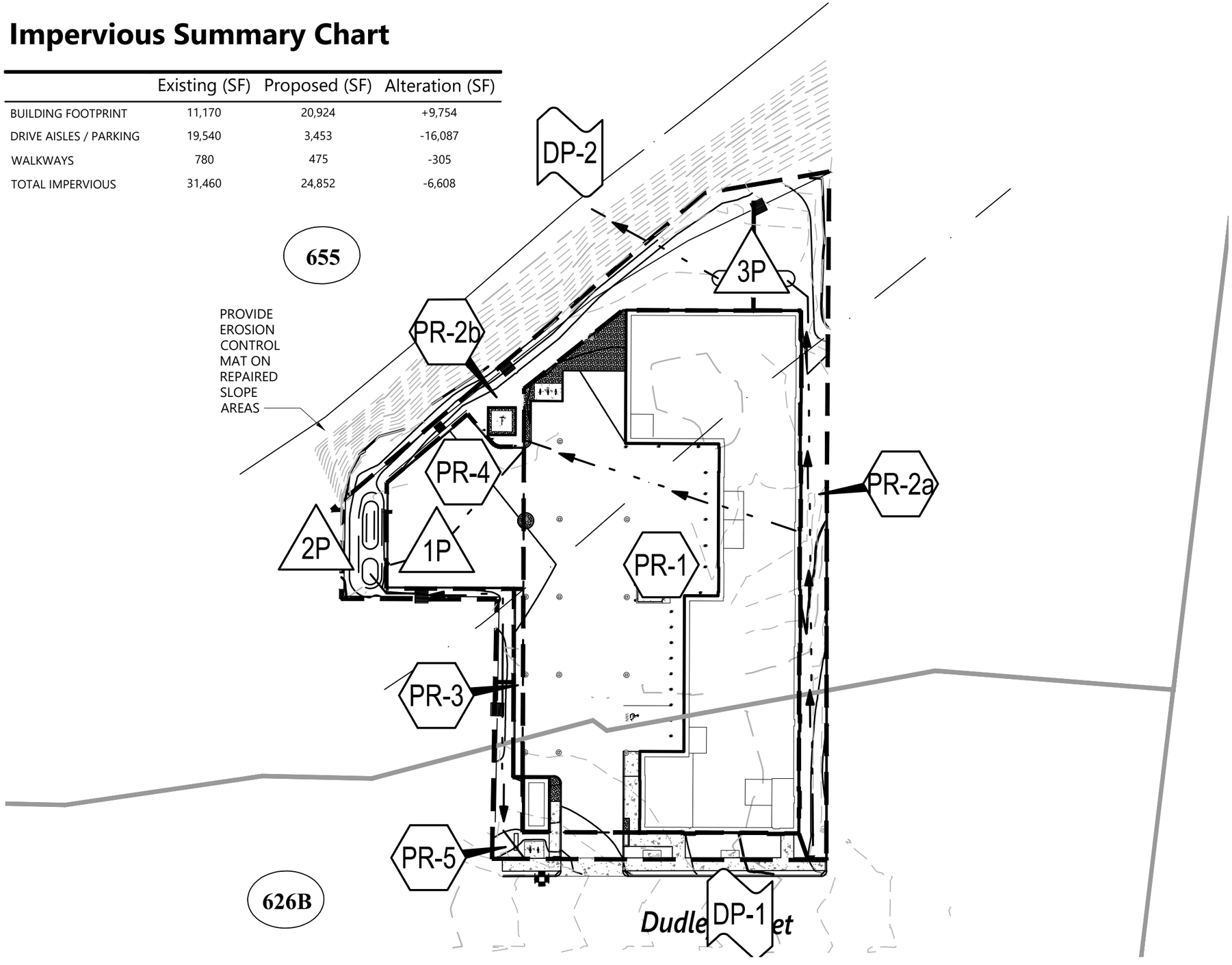
Existing Drainage Conditions — **Figure 2**

Proposed Self Storage Facility
Arlington, Massachusetts

02/09/2022

Impervious Summary Chart

	Existing (SF)	Proposed (SF)	Alteration (SF)
BUILDING FOOTPRINT	11,170	20,924	+9,754
DRIVE AISLES / PARKING	19,540	3,453	-16,087
WALKWAYS	780	475	-305
TOTAL IMPERVIOUS	31,460	24,852	-6,608



Legend

SYMBOLS

- X — **DESIGN POINT**
- X — **DRAINAGE AREA DESIGNATION**
- X — **POND**

LINETYPES

- **DRAINAGE AREA BOUNDARY**
- **TIME OF CONCENTRATION FLOW LINE**
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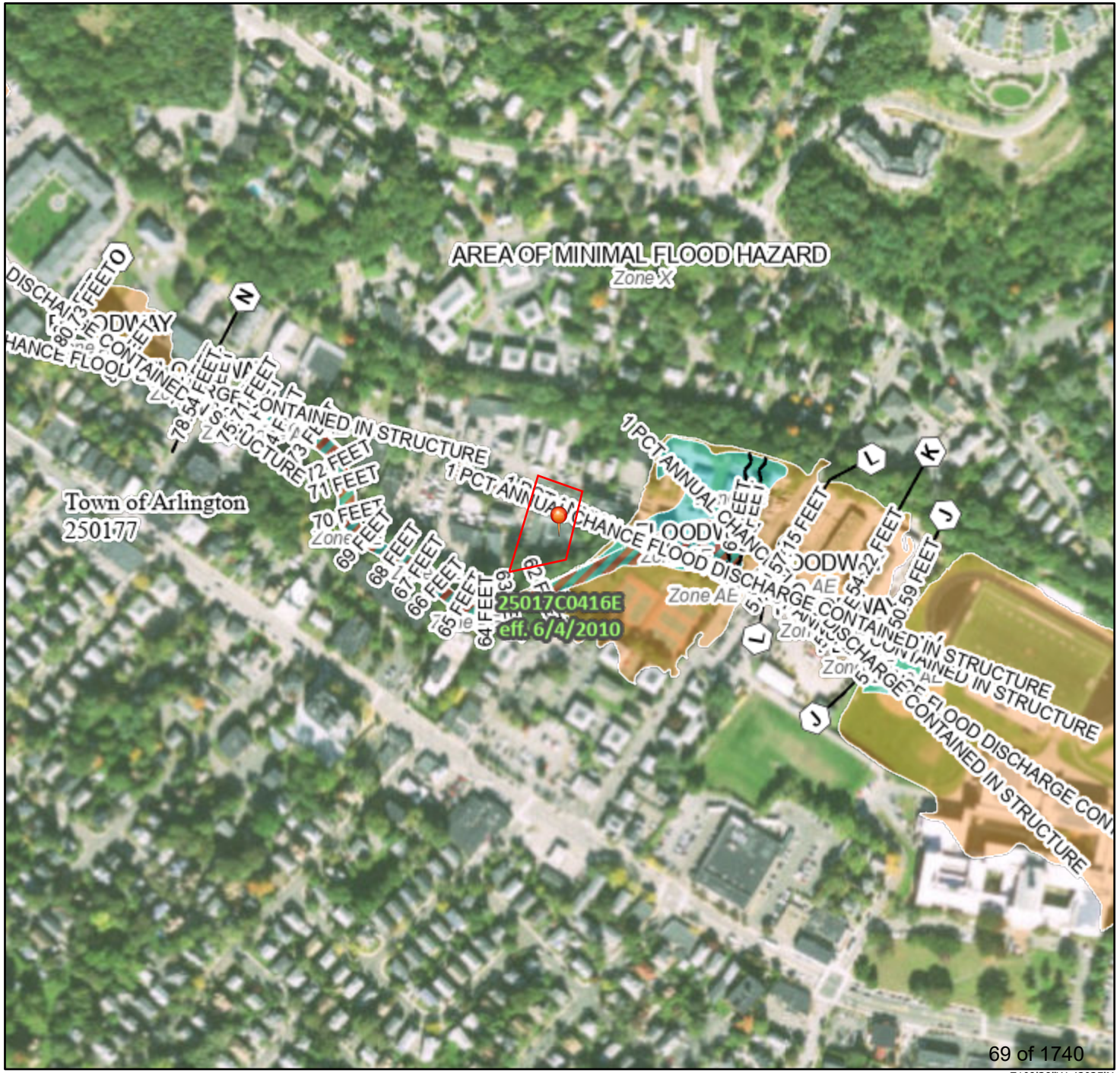
Proposed Drainage Conditions — **Figure 3**

Proposed Self Storage Facility — 02/09/2022
Arlington, Massachusetts — REV 04/21/2022

National Flood Hazard Layer FIRMette

FEMA

71°10'17"W 42°25'27"N



71°9'39"W 42°25'N

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/9/2022 at 10:06 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

FIGURE 4

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Regulatory Compliance

Massachusetts Department of Environmental Protection (DEP) – Stormwater Management Standards

As demonstrated below, the proposed Project fully complies with the DEP Stormwater Management Standards.

Standard 1: No New Untreated Discharges or Erosion to Wetlands

The Project has been designed to comply with Standard 1.

The Best Management Practices (BMPs) included in the proposed stormwater management system have been designed in accordance with the Massachusetts Stormwater Handbook. Supporting information and computations demonstrating that no new untreated discharges will result from the Project are presented through compliance with Standards 4 through 6.

All proposed Project stormwater outlets and conveyances have been designed to not cause erosion or scour to wetlands or receiving waters. Outlets from closed drainage systems have been designed with flared end sections and stone protection to dissipate discharge velocities.

Computations and supporting information for the sizing and selection of materials used to protect from scour and erosion are included in Appendix A.

Standard 2: Peak Rate Attenuation

The Project has been designed to comply with Standard 2.

The rainfall-runoff response of the Site under existing and proposed conditions was analyzed for storm events with recurrence intervals of 2, 10, 25 and 100 years. The results of the analysis, as summarized in Table 4 below, indicate that there is no increase in peak discharge rates between the existing and proposed conditions. The analysis was updated to utilize NOAA Atlas 14+ precipitation depths for the site: 3.64, 5.79, 7.49, and 10.35 inches, for the 2, 10, 25 and 100-year storm events, respectively.

Computations and supporting information regarding the hydrologic modeling are included in Appendix B.

Table 4 Peak Discharge Rates (cfs*)

Design Point	2-year	10-year	25-year	100-year
Design Point: Dudley Street (DP-1)				
Existing	1.17	1.89	2.46	3.41
Proposed	0.11	0.21	0.28	0.40
Design Point: Mill Brook (DP-2)				
Existing	1.64	2.66	3.47	4.82
Proposed	0.53	1.60	2.98	4.79

Standard 3: Stormwater Recharge

The Project has been designed to comply with Standard 3.

In accordance with the Stormwater Handbook, the Required Recharge Volume for the Project is 1,243 cubic feet.

Recharge of stormwater has been provided through the use of a bioretention basin and subsurface infiltration basin, which have been sized using the Static method. Each infiltration BMP has been designed to drain completely within 72 hours. Table 5 below provides a summary of the proposed infiltration BMPs utilized for the Project.

Table 5 Summary of Recharge Calculations

Infiltration BMP	Provided Recharge Volume (cubic feet)
Subsurface Infiltration Basin	1,954
Total Provided Recharge	**1,954**
Total Required Recharge	**1,243**

Geotechnical Engineering Report, computations, and supporting information are included in Appendix C.

Standard 4: Water Quality

The Project has been designed to comply with Standard 4.

The proposed stormwater management system implements a treatment train of BMPs that has been designed to provide 80% TSS removal of stormwater runoff from all proposed impervious surfaces.

Computations and supporting information, including the Long-Term Pollution Prevention Plan, are included in Appendix D.

Standard 5: Land Uses with Higher Potential Pollutant Loads (LUHPPLs)

The Project is not considered a LUHPPL.

Standard 6: Critical Areas

The Project will not discharge stormwater near or to a critical area.

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the Maximum Extent Practicable

The Project has been designed to comply with all ten of the Stormwater Management Standards.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Controls

The Project will disturb approximately 0.8 acres of land and is not required to obtain coverage under the Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) Construction General Permit. In lieu of the Stormwater Pollution Prevention Plan (SWPPP) required under NPDES, a Construction Period Pollution Prevention and Erosion Sedimentation Control Plan has been included in Appendix F.

Standard 9: Operation and Maintenance Plan

In compliance with Standard 9, a Post Construction Stormwater Operation and Maintenance (O&M) Plan has been developed for the Project. The O&M Plan is included in Appendix D as part of the Long Term Pollution Prevention Plan.

Standard 10: Prohibition of Illicit Discharges

Sanitary sewer and storm drainage structures which were part of the previous development on this site are to be completely removed during the site redevelopment. The design plans submitted with this report have been designed in full compliance with current standards. The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges.

Local Municipal Rules and Regulations

The following document intended to assist applicants and their consultants by providing Stormwater Management/Mitigation design guidelines, submission requirements, and review procedures in accordance with The Town of Arlington By-Law Title V, Article 15, Section 4.

The design and function of the stormwater drainage system shall conform to the following requirements, which may be modified by the Town of Arlington in a case-by-case situation to better suit the problems and specific needs of a particular site:

1. *All projects subject to this By-Law must meet the standards of the most current Massachusetts Department of Environmental Protection (DEP) Stormwater Management Policy and any applicable By-Laws and/or Rules and Regulations of the Town of Arlington.*

   The Project, as currently designed and demonstrated by this stormwater management plan and report, fully complies with the DEP Stormwater management Policy and Town of Arlington regulations.

2. *No project shall result in an increase in the peak rate of stormwater runoff or volume over natural and existing conditions for the 2-, 10-, and 25-Year 24-hour duration storm events.*

   Project complies, refer to Table 4.

3. Technical design and construction standards for detention/retention/infiltration structures, including, but not limited to, groundwater separation, outlet control structures, sediment forebays, spillways, splashpads, as well as sizing for any basins, outlets, and spillways shall be consistent with DEP Stormwater Management Standards.

   Project complies, refer to the Site Plans for the design and details for the stormwater management structures, which are consistent with the DEP Stormwater Management Standards.

4. *The design for the capacity of all stormwater system pipes and inlet grates shall be based on a Rational Method Analysis (or acceptable equivalent) for a 25-Year Storm intensity.*

   The closed drainage system has been designed to adequately convey the 25-year storm event. Refer to Appendix G for the hydraulic capacity spreadsheet for the pipe network.

5. *Existing lot grading shall be retained wherever possible to maintain predevelopment drainage patterns to the greatest extent possible. Where grading must be altered, the proposed grading shall not convey additional overland flows across lot lines or cause ponding on any adjacent property.*

   The project has been designed to mimic existing hydrologic drainage patterns. Stormwater management best management practices have been incorporated to provide water quality treatment and water quality control to ensure additional stormwater is not conveyed across lot lines or cause ponding on adjacent properties.

All projects to which the above referenced Town by-law applies, shall submit to the Engineering Division a Grading & Drainage Report and/or Plan at a minimum scale of 1"=40'. The Plans and/or Report shall consist of and include the following information (if applicable):

1. *The Name, Mailing Address, Phone Number, and Email of the Property Owner, Land Developer, and the Engineer or Consultant working on the Project.*
2. *Delineation of:*
   a. *Federal, State, and/or Local Wetlands.*
   b. *The National Flood Insurance Program 100-Year Flood Zone and/or other Risk Areas.*
   c. *Any Streams and/or Drainage Ways on or abutting the Site.*
   d. *Any Easements or Right-of-Ways on or abutting the Site.*
   e. *Extents of the Project or a Limit of Work/Disturbance Area.*

3. *Existing and proposed contours on the site to indicate general topography. The contour interval shall be at a two- foot interval. Spot elevations shall be included in areas with grades of 2% or less. If permanent benchmarks are required for the proposed activities, those shall also be shown on the Plan.*
   a. *Approximate existing contour lines that are appropriate for use in certain small-scale projects can be found on the Town of Arlington website at http://209.6.3.218/GISMaps//index1.htm.*
4. *Existing and proposed impervious surfaces shall be clearly delineated and labeled on the plan. Include a summary table of all features, both existing and proposed. An example summary table is shown below:*

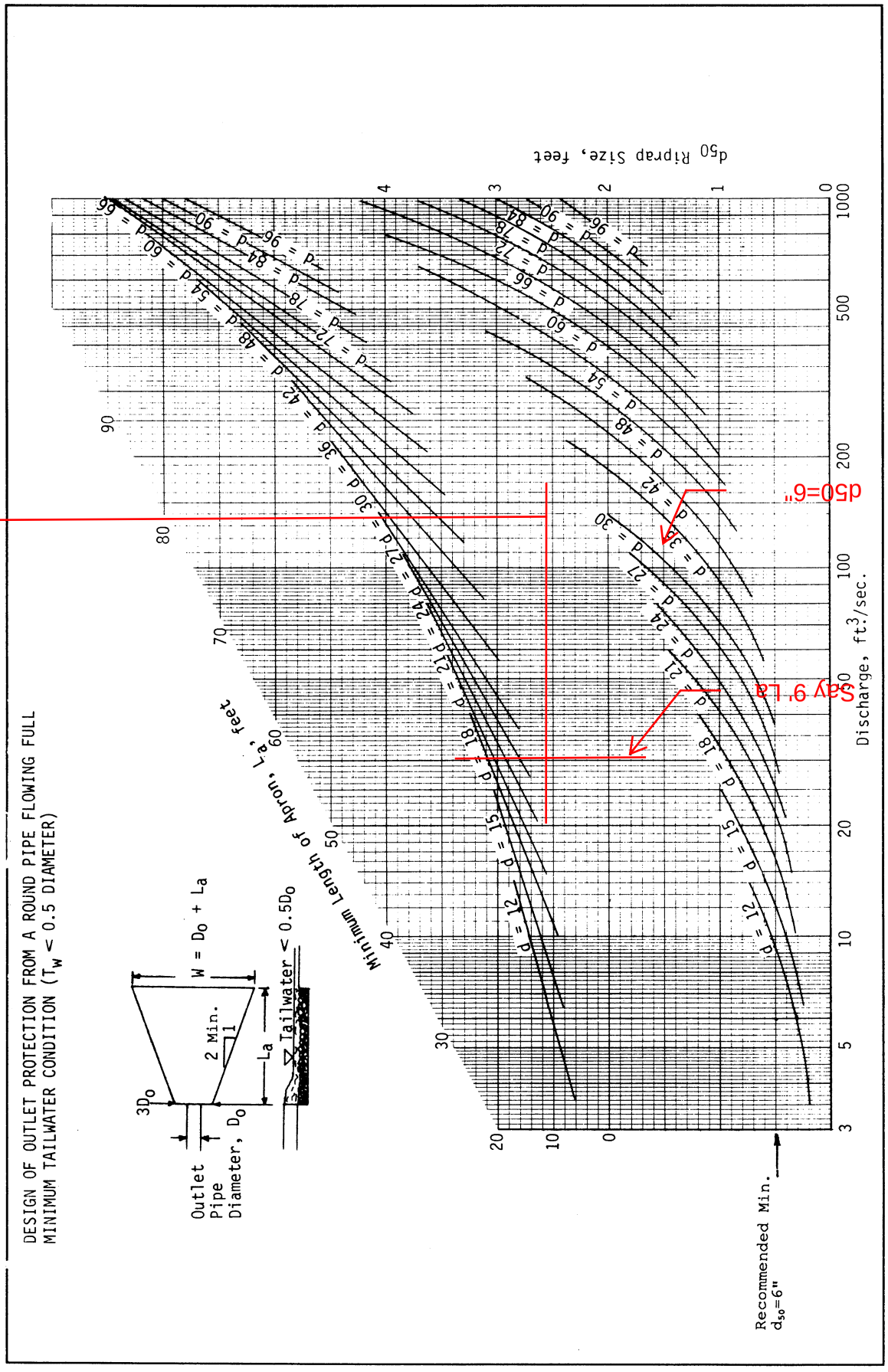
	Existing (SF)	***Proposed (SF)***	***Alteration***
Building Footprint	*1,250*	*1,500*	*+ 250 SF*
Bituminous Driveway	*500*	*650*	*+ 150 SF*
Concrete Walkway	*40*	*30*	*- 10 SF*
Total Impervious	***1,790***	***2,180***	***+ 390 SF***

5. *Existing and Proposed locations of all drainage structures, including foundation and roof drains, with rim and invert elevations. Profile and/or Cross Section drawings shall be provided for all proposed infiltration/retention/detention systems.*
6. *Where stormwater recharge or infiltration is proposed, the plans shall include observed and estimated maximum groundwater elevations at the location of each proposed infiltration/retention/detention area.*
   a. *Soil percolation testing or other acceptable soil absorption rate testing should be conducted in the vicinity of any proposed infiltration/retention/detention area.*
7. *Location and detail of proposed erosion & sediment control measures to be installed and maintained during construction activities.*
8. *Hydrologic calculations and a summary table showing the pre- and post-development runoff conditions for comparative purposes. Runoff calculations shall be prepared for the 2-, 10-, 25-, and 100-Year storm events for both the Existing and Proposed Conditions. These drainage calculations shall be prepared by utilizing the NRCS TR55 or TR20 Method.*
   a. *With a written request from the applicant, and at the full discretion of the Town of Arlington Engineering Division, certain small-scale projects may adequately demonstrate through simple runoff/storage calculations that the proposed stormwater mitigation is appropriate.*

9. The project has incorporated the requirements of the stormwater management plans and drainage report, as demonstrated by the technical analysis included in this report and Site Plans

Appendix A: Standard 1 Computations and Supporting Information

- Outlet Protection Sizing Calculation
- Pipe Sizing Calculations



Source: USDA-SCS Plate 3.18-3

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Pipe Sizing Calculations

The closed drainage system was designed for the 25-year storm event, in accordance with the Town's by-laws.

Drainage pipes were sized using Manning's Equation for full-flow capacity and the Rational Method. Additionally, the performance of the system was analyzed using StormCAD, a HEC-22 based program.

Stormcad Conduit Output Table - Hydraulic Pipe Analysis

Project	Proposed Self Storage Facility	**Project #**	52816.00
	Arlington, MA		
Calculated by	MEA	**Date**	2/9/2022 Revised 4/21/2022
Checked by		**Date**	

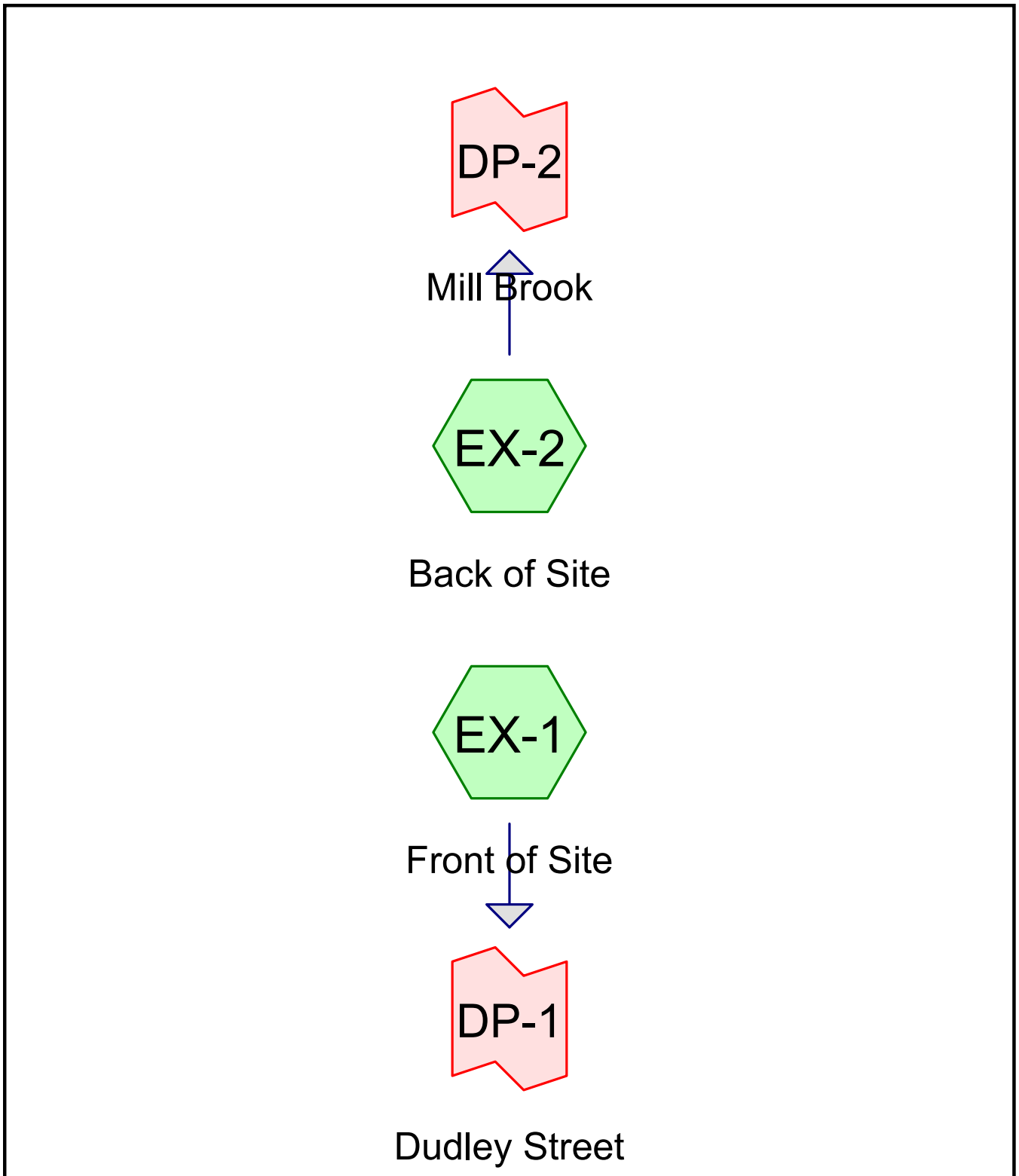
Start Node	Stop Node	Upstream Inlet Area	Upstream Inlet C	System CA	Time of Conc.	Intensity	Pipe Size	Material	Manning's "n"	Slope	Length	Capacity (Full Flow)	Flow (Design)	Velocity (Average)	Rim (Upper)	Hydraulic Grade Line In	Rim (Lower)	Hydraulic Grade Line Out	Invert (Upper)	Invert (Lower)
-	-	(acres)	-	(acres)	(min)	(in/hr)	(in)	-	-	(ft/ft)	(ft)	(cfs)	(cfs)	(ft/s)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
101 (DRAIN)	Mill Brook	(N/A)	(N/A)	0.000	0.41	8.52	12	HDPE Pipe	0.013	0.015	13.6	4.32	1.30	4.81	78.01	71.48	0.00	71.19	71.00	70.80
100 (DRAIN)	113 (DRAIN)	(N/A)	(N/A)	0.000	0.04	8.52	12	HDPE Pipe	0.013	0.006	15.8	2.83	1.30	3.53	77.97	72.18	78.13	72.08	71.70	71.60
113 (DRAIN)	101 (DRAIN)	(N/A)	(N/A)	0.000	0.12	8.52	12	HDPE Pipe	0.013	0.006	62.9	2.84	1.30	3.54	78.13	71.98	78.01	71.57	71.50	71.10
107 (DRAIN)	SSIS 2	(N/A)	(N/A)	0.231	5.25	8.35	12	HDPE Pipe	0.013	0.012	10.3	3.98	1.95	5.04	78.12	70.50	74.95	70.38	69.90	69.85
MH-7	107 (DRAIN)	(N/A)	(N/A)	0.231	5.21	8.37	12	HDPE Pipe	0.013	0.014	14.5	4.18	1.95	5.23	76.05	75.60	78.12	75.30	75.00	74.80
STORMTECH	100 (DRAIN)	(N/A)	(N/A)	0.000	0.00	8.52	12	HDPE Pipe	0.013	0.012	12.6	3.98	1.30	1.66	70.90	72.19	77.97	72.18	69.85	69.80
104	102	0.006	0.9	0.005	5.00	8.47	12	HDPE Pipe	0.013	0.031	13.2	6.30	0.05	2.33	77.91	74.19	77.70	73.76	74.10	73.70
SSIS	102	(N/A)	(N/A)	0.267	5.23	8.36	12	HDPE Pipe	0.013	0.025	8.8	5.64	2.25	2.87	70.95	70.69	77.70	70.54	69.90	69.80
103	102	(N/A)	(N/A)	0.061	5.06	8.44	12	HDPE Pipe	0.013	0.021	36.1	5.20	0.52	4.23	77.25	70.68	77.70	70.69	70.20	70.00
BEND	102	(N/A)	(N/A)	0.201	5.18	8.38	12	HDPE Pipe	0.013	0.015	12.9	4.44	1.70	5.27	76.05	75.55	77.70	75.25	75.00	74.80
106	103	0.068	0.9	0.061	5.00	8.47	12	HDPE Pipe	0.013	0.031	16.0	6.31	0.52	4.86	76.25	72.30	77.25	71.70	72.00	71.50
RD-3	BEND	0.223	0.9	0.201	5.00	8.47	12	HDPE Pipe	0.013	0.017	60.0	4.60	1.71	5.43	77.05	76.56	76.05	75.42	76.00	75.00
RD-1	MH-7	0.061	0.9	0.055	5.00	8.47	12	HDPE Pipe	0.013	0.017	47.2	4.64	0.47	3.79	76.85	76.08	76.05	75.60	75.80	75.00
RD-2	MH-7	0.196	0.9	0.176	5.00	8.47	12	HDPE Pipe	0.013	0.060	10.0	8.70	1.51	8.31	76.25	75.72	76.05	75.60	75.20	75.00

Appendix B: Standard 2 Computations and Supporting Information

The rainfall-runoff response of the Site under existing and proposed conditions was evaluated for storm events with recurrence intervals of 2, 10, 25 and 100-years. Rainfall volumes used for this analysis were based on the Natural Resources Conservation Service (NRCS) Type III, 24-hour storm and NOAA Atlas 14+ precipitation depths for the site: 3.64, 5.79, 7.49, and 10.35 inches, respectively. Runoff coefficients for the pre- and post-development conditions, as previously shown in Tables 2 and 3 respectively, were determined using NRCS Technical Release 55 (TR-55) methodology as provided in HydroCAD. Drainage areas used in the analyses were described in previous sections and shown on Figures 2 and 3. The HydroCAD model is based on the NRCS Technical Release 20 (TR-20) Model for Project Formulation Hydrology.

HydroCAD Analysis: Existing Conditions

2-Year Storm Event – Existing



Routing Diagram for 52816.00 - Existing
Prepared by VHB, Printed 4/21/2022
HydroCAD® 10.10-5a s/n 01038 © 2020 HydroCAD Software Solutions LLC

Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2-year+	Type III 24-hr		Default	24.00	1	3.64	2
2	10-year+	Type III 24-hr		Default	24.00	1	5.79	2
3	25-year+	Type III 24-hr		Default	24.00	1	7.49	2
4	100-year+	Type III 24-hr		Default	24.00	1	10.35	2

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.017	89	<50% Grass cover, Poor, HSG D (EX-1, EX-2)
0.003	80	>75% Grass cover, Good, HSG D (EX-1)
0.475	98	Paved parking, HSG D (EX-1, EX-2)
0.251	98	Roofs, HSG D (EX-1, EX-2)
0.038	79	Woods, Fair, HSG D (EX-2)
0.783	**97**	**TOTAL AREA**

Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
0.000	HSG C	
0.783	HSG D	EX-1, EX-2
0.000	Other	
0.783		**TOTAL AREA**

Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.017	0.000	0.017	<50% Grass cover, Poor	EX-1, EX-2
0.000	0.000	0.000	0.003	0.000	0.003	>75% Grass cover, Good	EX-1
0.000	0.000	0.000	0.475	0.000	0.475	Paved parking	EX-1, EX-2
0.000	0.000	0.000	0.251	0.000	0.251	Roofs	EX-1, EX-2
0.000	0.000	0.000	0.038	0.000	0.038	Woods, Fair	EX-2
0.000	**0.000**	**0.000**	**0.783**	**0.000**	**0.783**	**TOTAL AREA**	

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment EX-1: Front of Site Runoff Area=0.324 ac 94.26% Impervious Runoff Depth=3.29"
Tc=5.0 min CN=97 Runoff=1.17 cfs 0.089 af

Subcatchment EX-2: Back of Site Runoff Area=0.459 ac 91.47% Impervious Runoff Depth=3.18"
Tc=5.0 min CN=96 Runoff=1.64 cfs 0.122 af

Link DP-1: Dudley Street Inflow=1.17 cfs 0.089 af
Primary=1.17 cfs 0.089 af

Link DP-2: Mill Brook Inflow=1.64 cfs 0.122 af
Primary=1.64 cfs 0.122 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.211 af Average Runoff Depth = 3.23"
7.37% Pervious = 0.058 ac 92.63% Impervious = 0.725 ac

Summary for Subcatchment EX-1: Front of Site

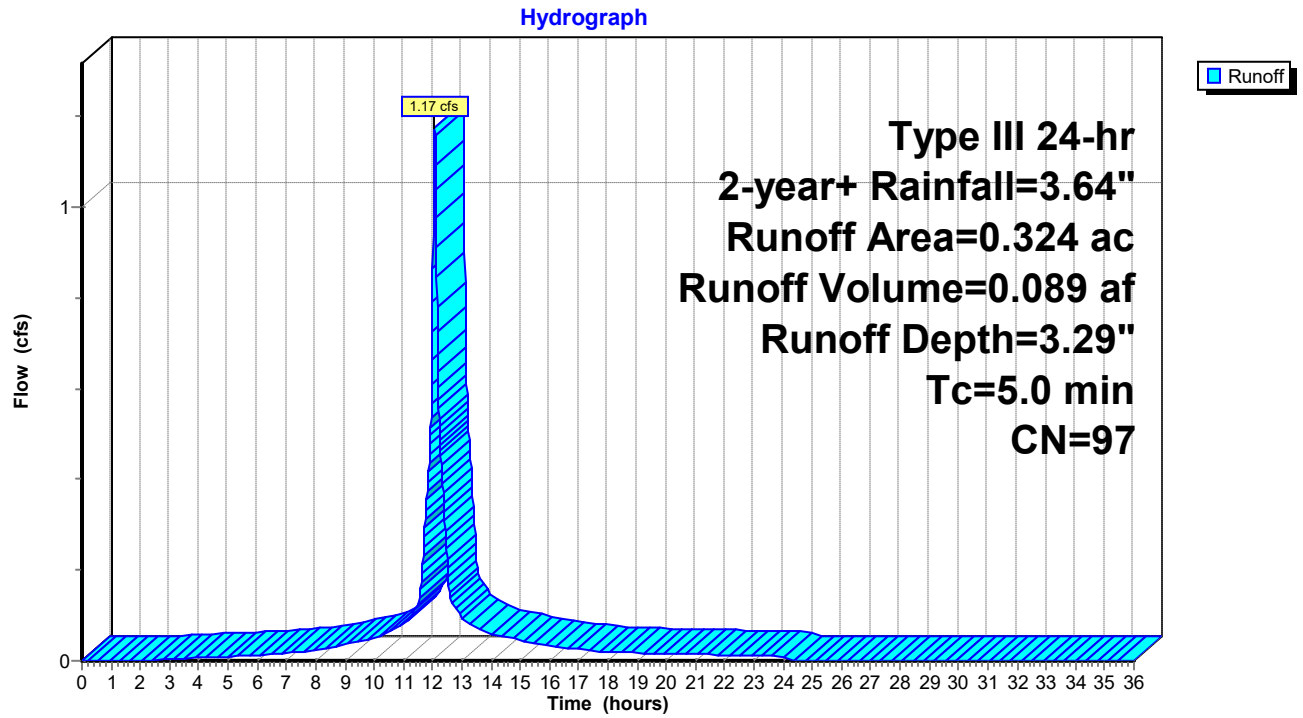
Runoff = 1.17 cfs @ 12.07 hrs, Volume= 0.089 af, Depth= 3.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

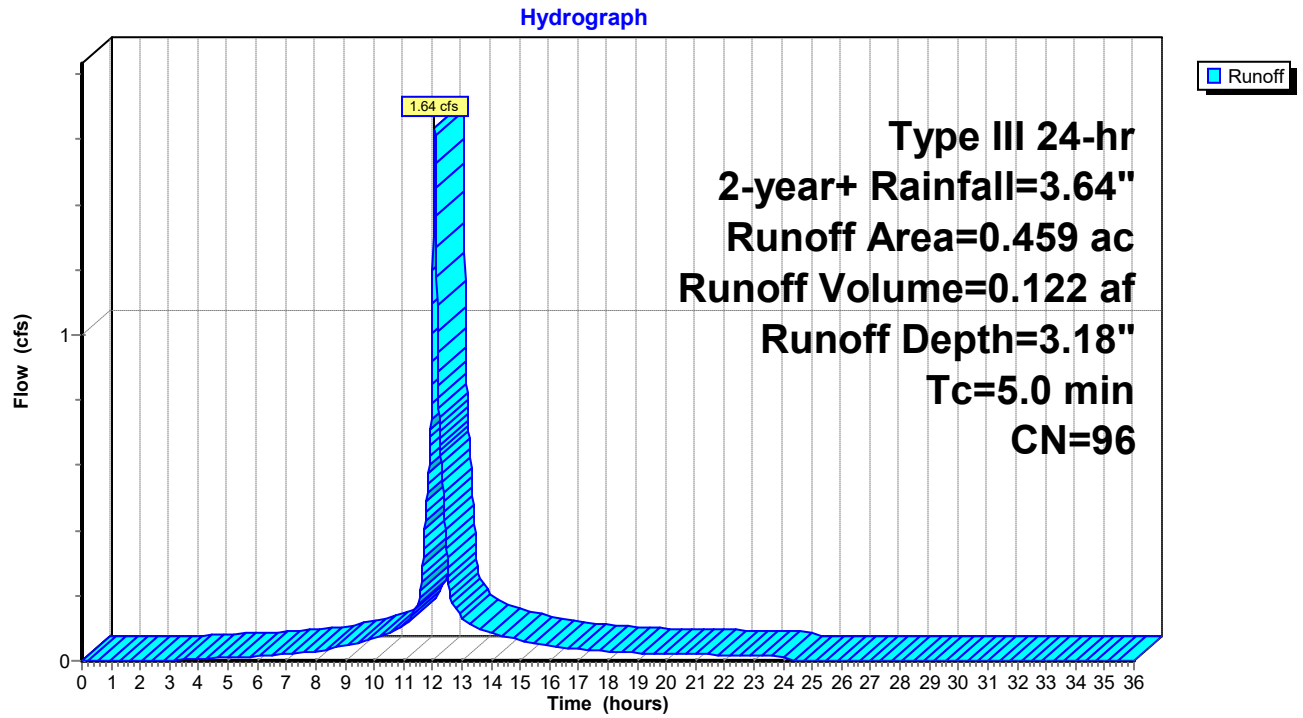
Runoff = 1.64 cfs @ 12.07 hrs, Volume= 0.122 af, Depth= 3.18"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

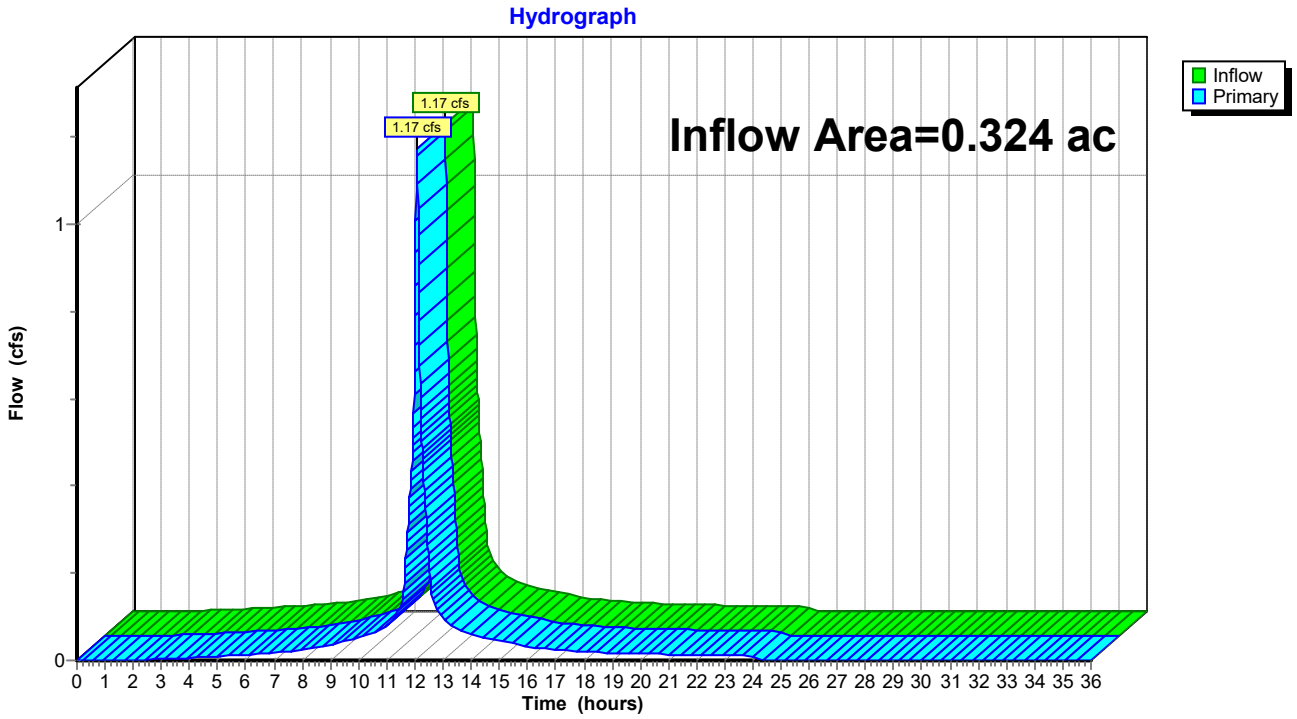


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 3.29" for 2-year+ event
Inflow = 1.17 cfs @ 12.07 hrs, Volume= 0.089 af
Primary = 1.17 cfs @ 12.07 hrs, Volume= 0.089 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

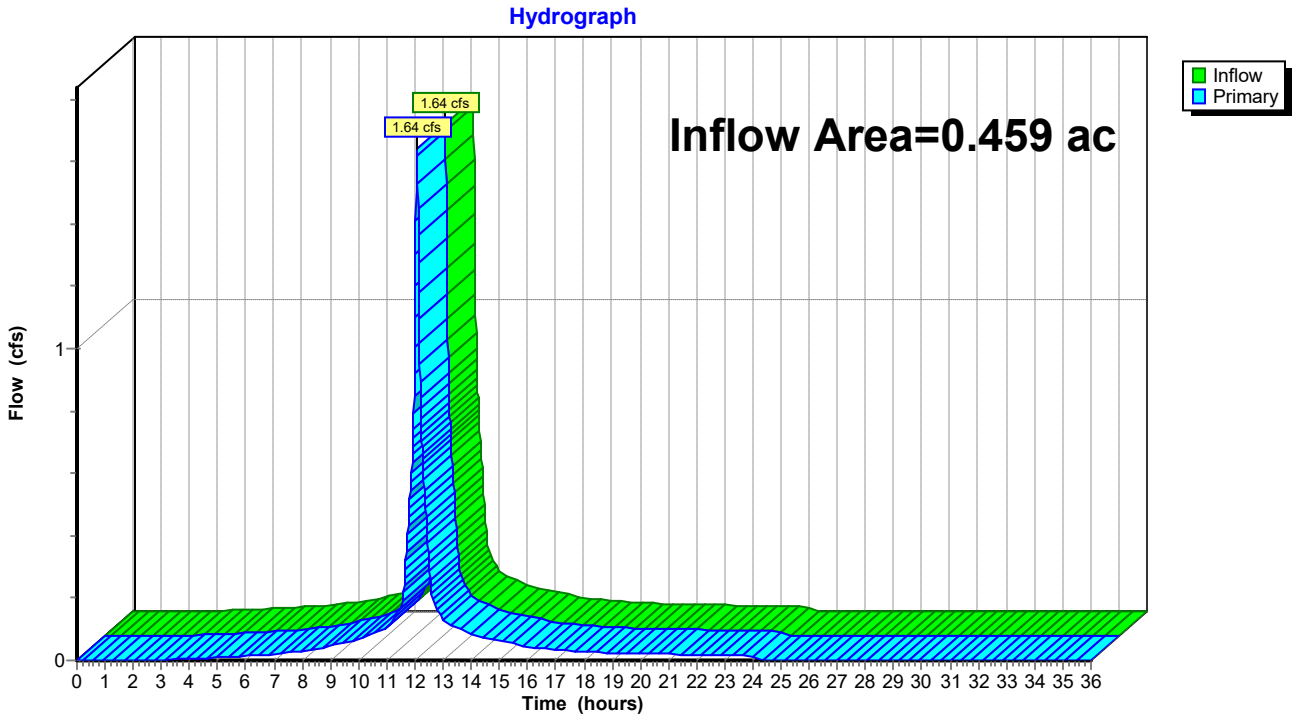


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 3.18" for 2-year+ event
Inflow = 1.64 cfs @ 12.07 hrs, Volume= 0.122 af
Primary = 1.64 cfs @ 12.07 hrs, Volume= 0.122 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



10-Year Storm Event – Existing

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment EX-1: Front of Site Runoff Area=0.324 ac 94.26% Impervious Runoff Depth=5.43"
Tc=5.0 min CN=97 Runoff=1.89 cfs 0.147 af

Subcatchment EX-2: Back of Site Runoff Area=0.459 ac 91.47% Impervious Runoff Depth=5.32"
Tc=5.0 min CN=96 Runoff=2.66 cfs 0.203 af

Link DP-1: Dudley Street Inflow=1.89 cfs 0.147 af
Primary=1.89 cfs 0.147 af

Link DP-2: Mill Brook Inflow=2.66 cfs 0.203 af
Primary=2.66 cfs 0.203 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.350 af Average Runoff Depth = 5.37"
7.37% Pervious = 0.058 ac 92.63% Impervious = 0.725 ac

Summary for Subcatchment EX-1: Front of Site

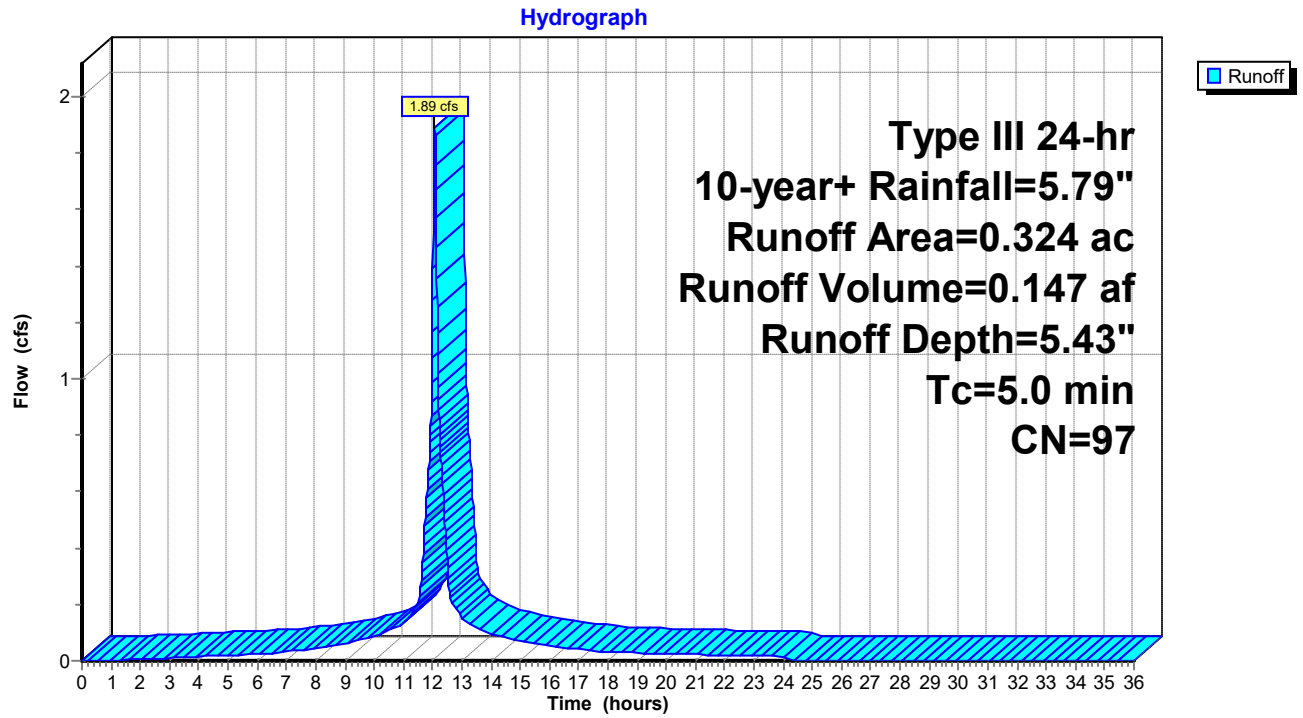
Runoff = 1.89 cfs @ 12.07 hrs, Volume= 0.147 af, Depth= 5.43"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

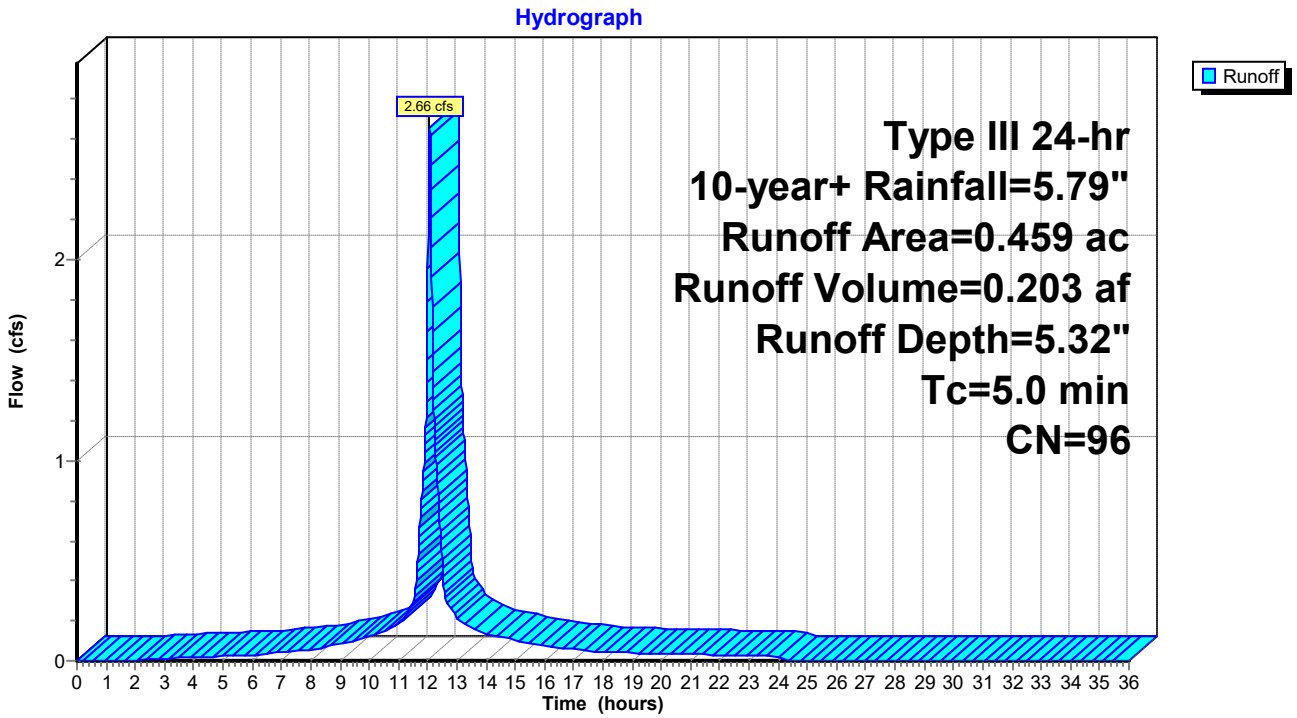
Runoff = 2.66 cfs @ 12.07 hrs, Volume= 0.203 af, Depth= 5.32"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

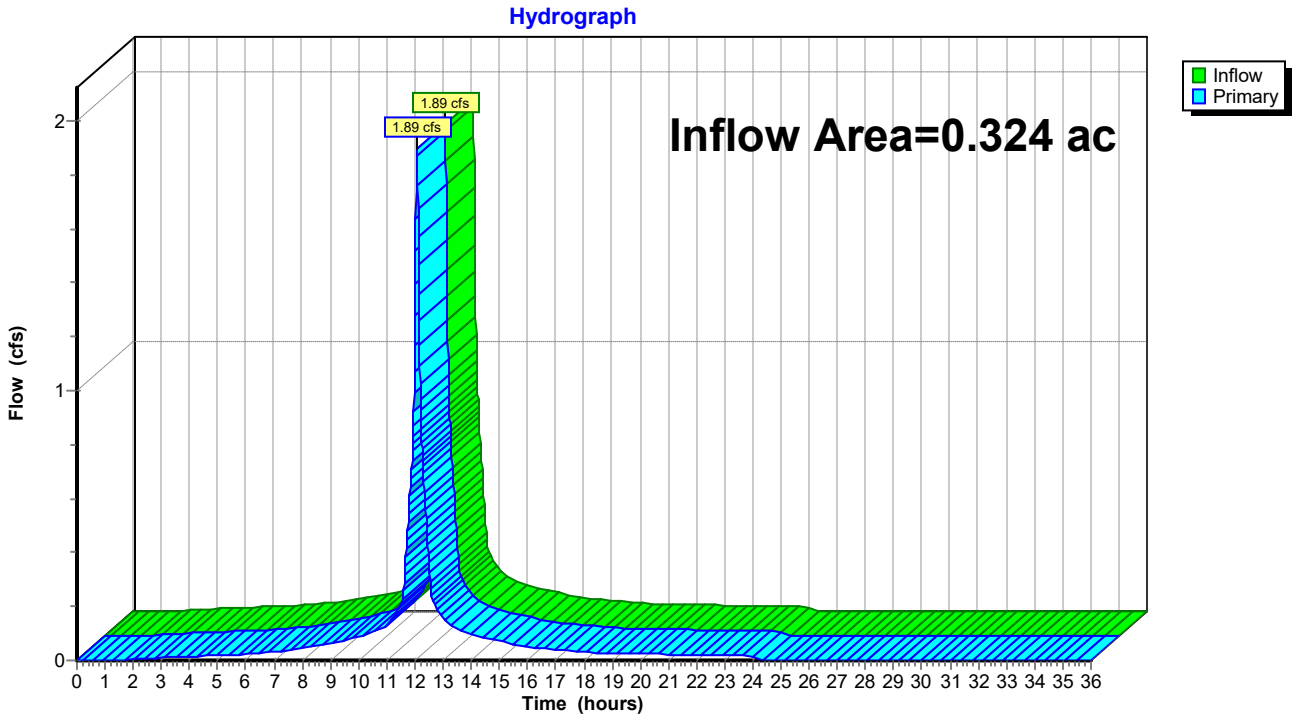


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 5.43" for 10-year+ event
Inflow = 1.89 cfs @ 12.07 hrs, Volume= 0.147 af
Primary = 1.89 cfs @ 12.07 hrs, Volume= 0.147 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

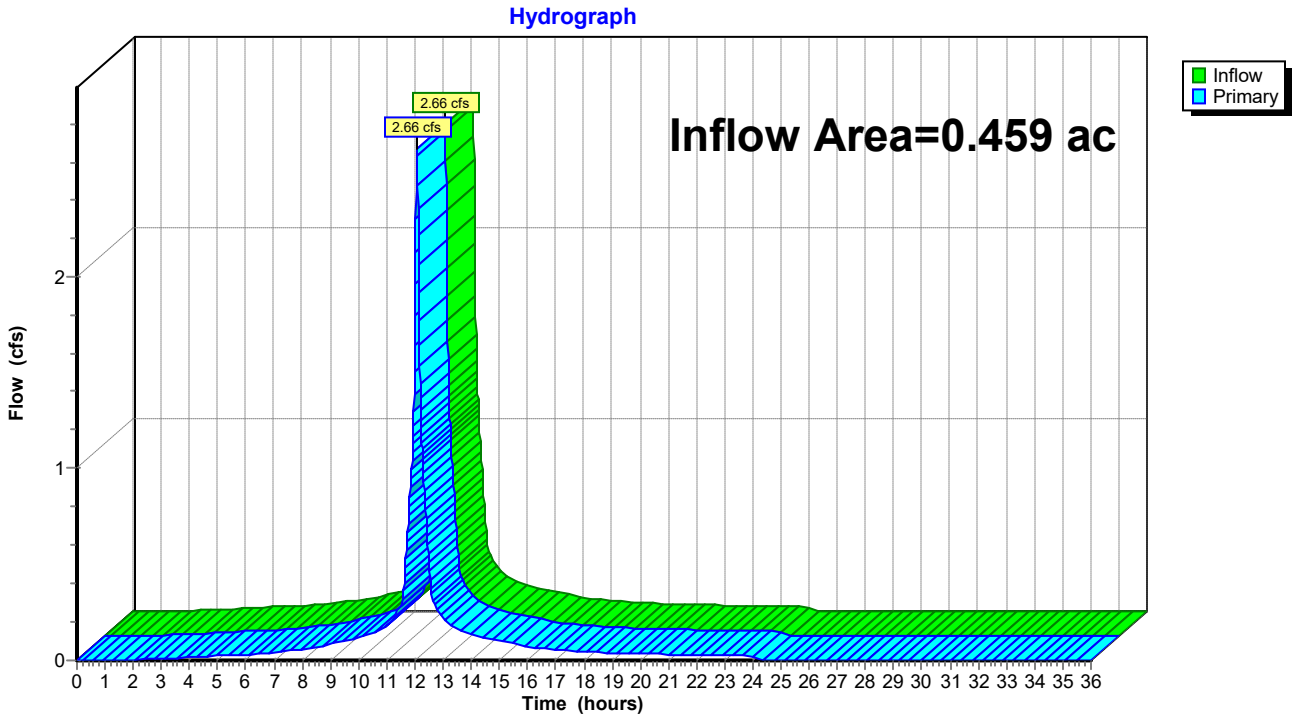


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 5.32" for 10-year+ event
Inflow = 2.66 cfs @ 12.07 hrs, Volume= 0.203 af
Primary = 2.66 cfs @ 12.07 hrs, Volume= 0.203 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



25-Year Storm Event – Existing

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment EX-1: Front of Site Runoff Area=0.324 ac 94.26% Impervious Runoff Depth=7.13"
Tc=5.0 min CN=97 Runoff=2.46 cfs 0.192 af

Subcatchment EX-2: Back of Site Runoff Area=0.459 ac 91.47% Impervious Runoff Depth=7.01"
Tc=5.0 min CN=96 Runoff=3.47 cfs 0.268 af

Link DP-1: Dudley Street Inflow=2.46 cfs 0.192 af
Primary=2.46 cfs 0.192 af

Link DP-2: Mill Brook Inflow=3.47 cfs 0.268 af
Primary=3.47 cfs 0.268 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.461 af Average Runoff Depth = 7.06"
7.37% Pervious = 0.058 ac 92.63% Impervious = 0.725 ac

Summary for Subcatchment EX-1: Front of Site

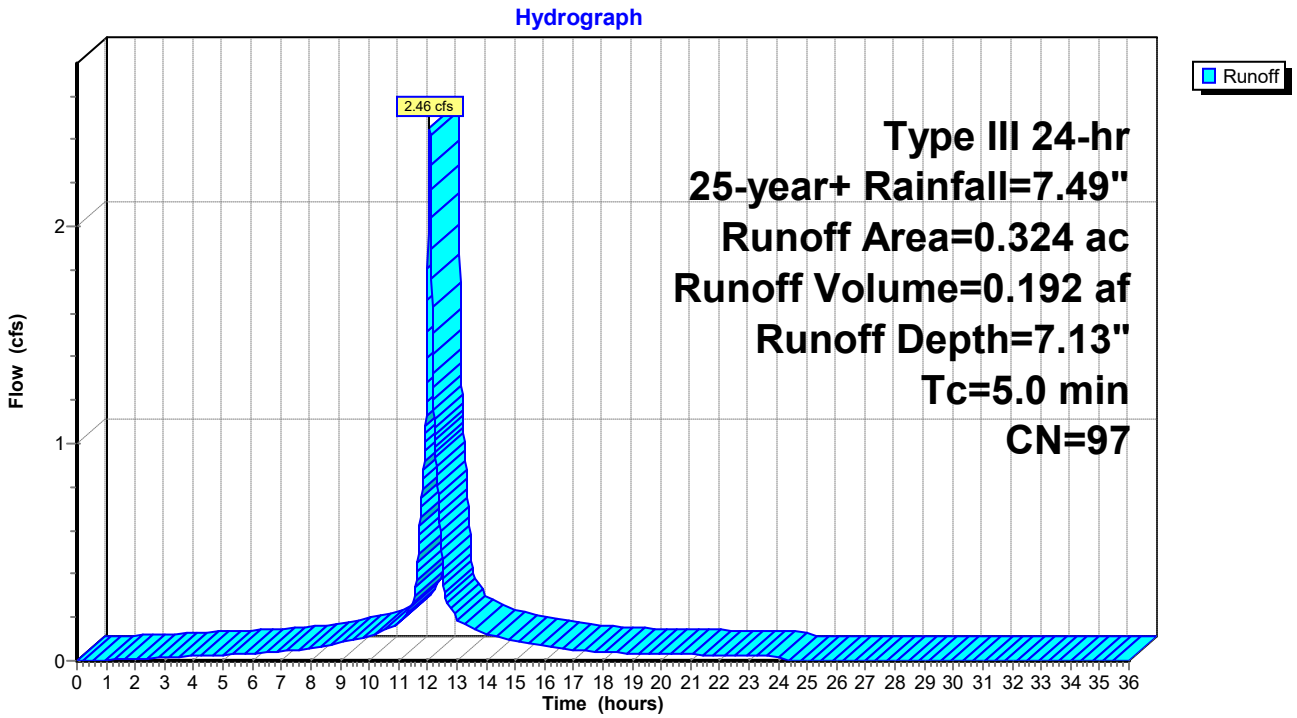
Runoff = 2.46 cfs @ 12.07 hrs, Volume= 0.192 af, Depth= 7.13"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

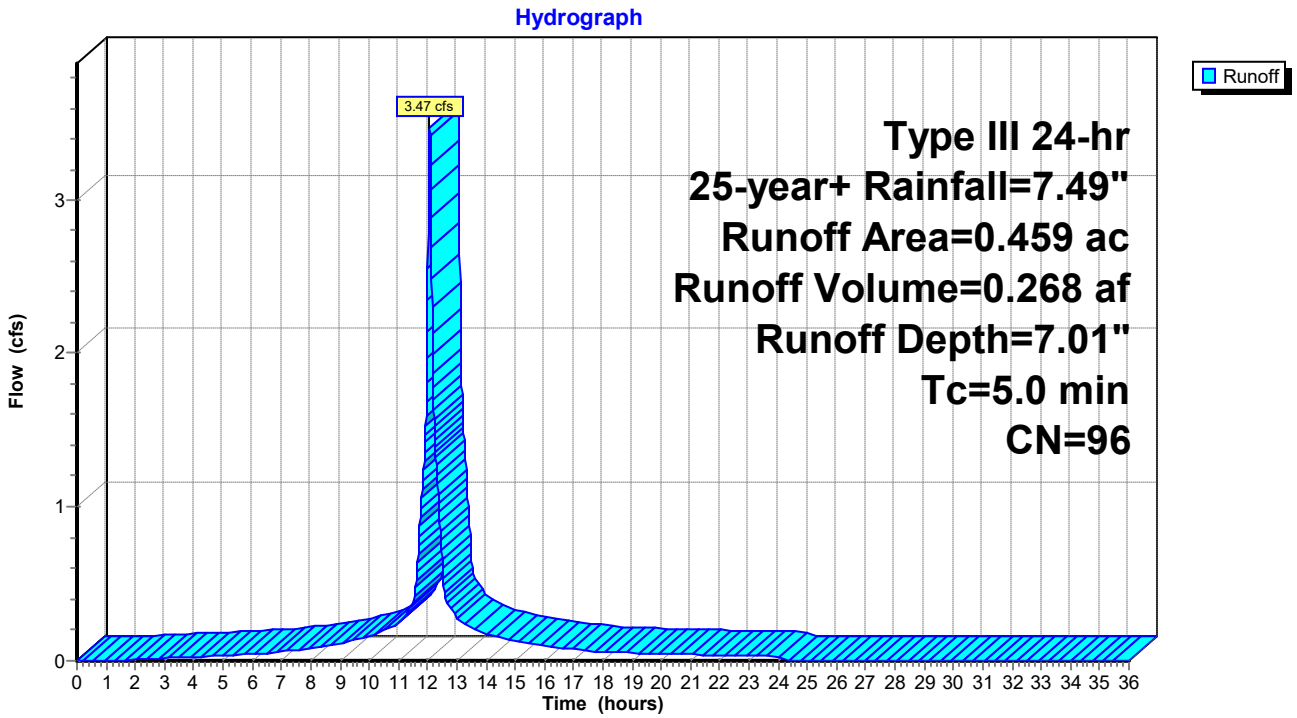
Runoff = 3.47 cfs @ 12.07 hrs, Volume= 0.268 af, Depth= 7.01"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

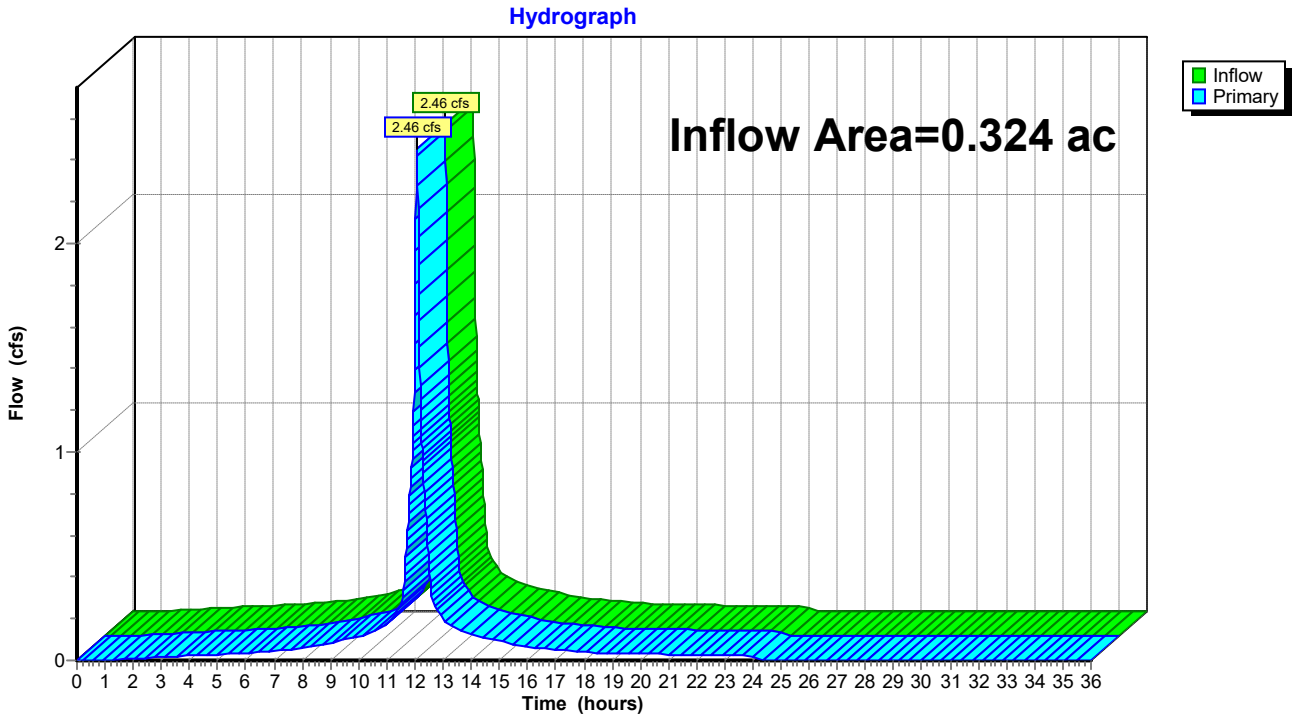


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 7.13" for 25-year+ event
Inflow = 2.46 cfs @ 12.07 hrs, Volume= 0.192 af
Primary = 2.46 cfs @ 12.07 hrs, Volume= 0.192 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

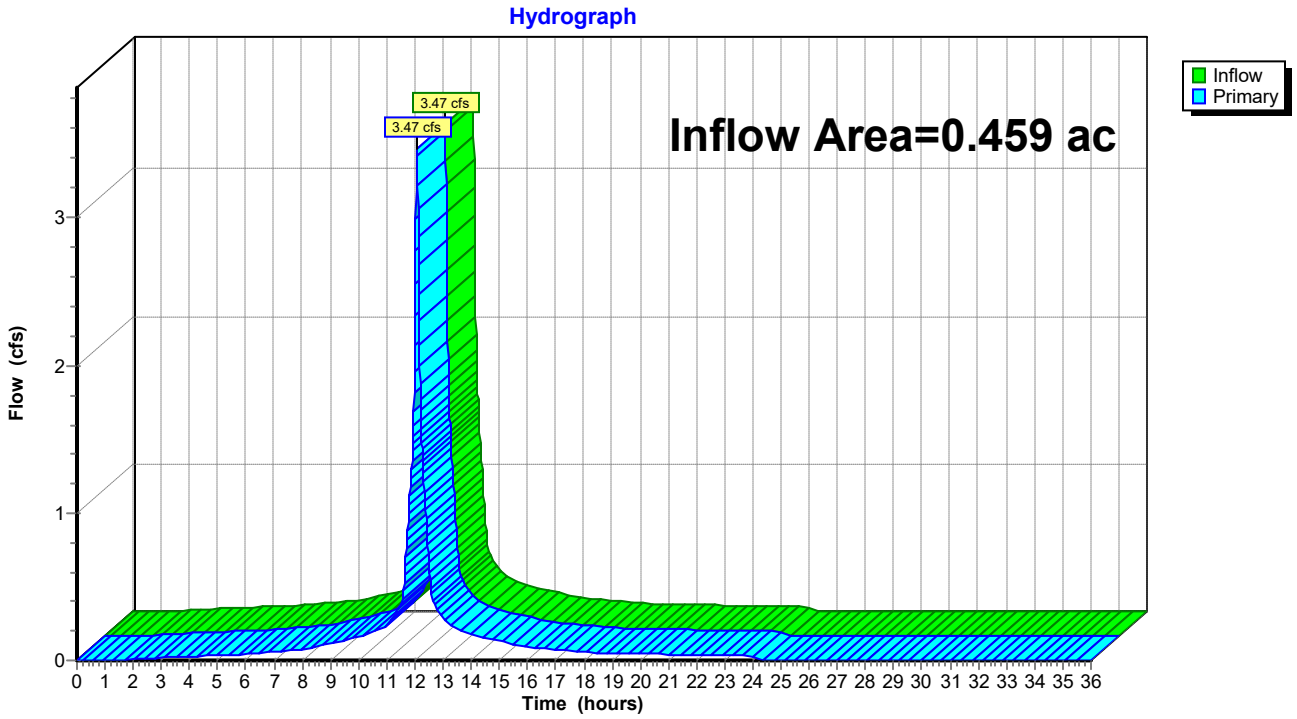


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 7.01" for 25-year+ event
Inflow = 3.47 cfs @ 12.07 hrs, Volume= 0.268 af
Primary = 3.47 cfs @ 12.07 hrs, Volume= 0.268 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



100-Year Storm Event – Existing

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment EX-1: Front of Site Runoff Area=0.324 ac 94.26% Impervious Runoff Depth=9.99"
Tc=5.0 min CN=97 Runoff=3.41 cfs 0.270 af

Subcatchment EX-2: Back of Site Runoff Area=0.459 ac 91.47% Impervious Runoff Depth=9.87"
Tc=5.0 min CN=96 Runoff=4.82 cfs 0.377 af

Link DP-1: Dudley Street Inflow=3.41 cfs 0.270 af
Primary=3.41 cfs 0.270 af

Link DP-2: Mill Brook Inflow=4.82 cfs 0.377 af
Primary=4.82 cfs 0.377 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.647 af Average Runoff Depth = 9.92"
7.37% Pervious = 0.058 ac 92.63% Impervious = 0.725 ac

Summary for Subcatchment EX-1: Front of Site

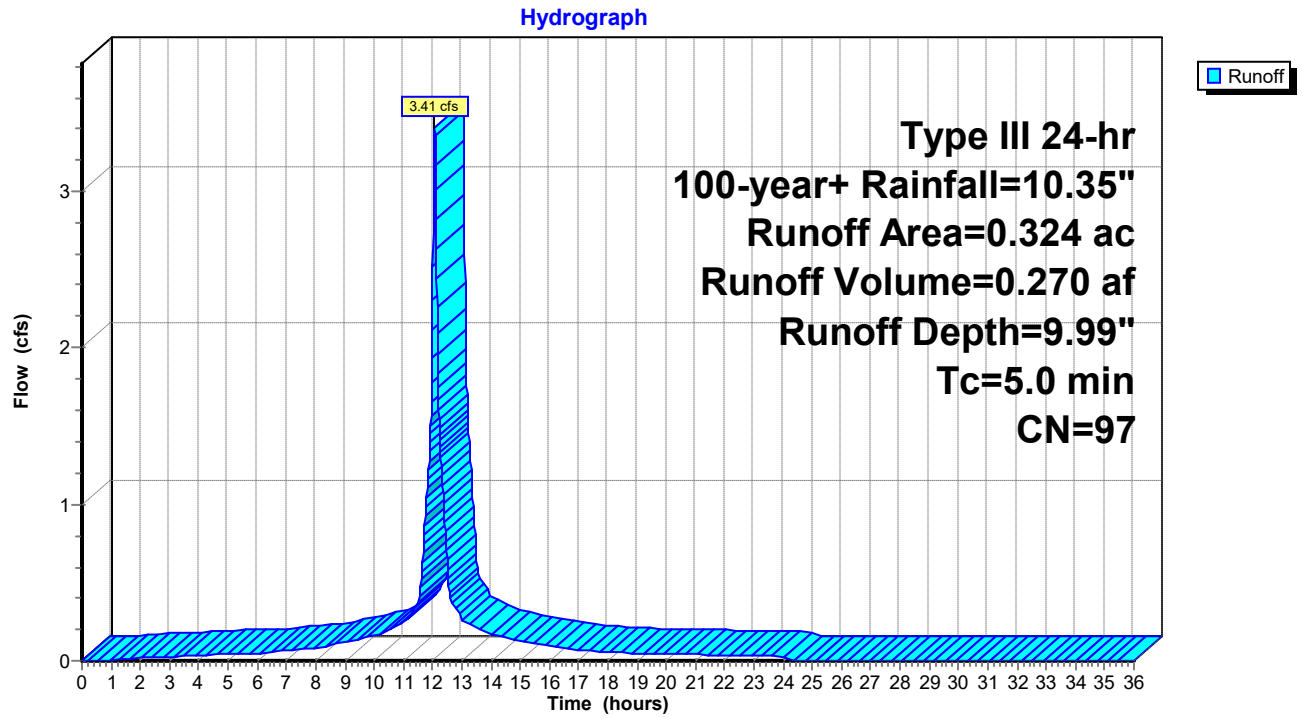
Runoff = 3.41 cfs @ 12.07 hrs, Volume= 0.270 af, Depth= 9.99"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

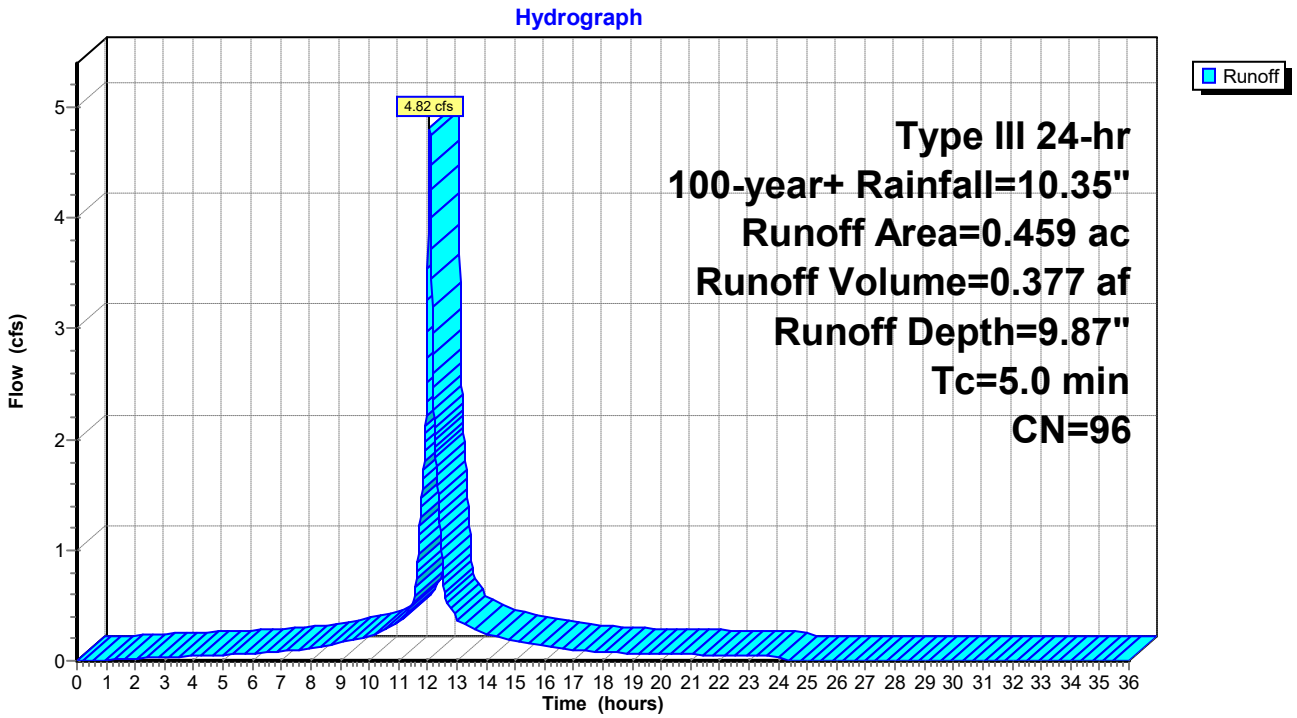
Runoff = 4.82 cfs @ 12.07 hrs, Volume= 0.377 af, Depth= 9.87"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

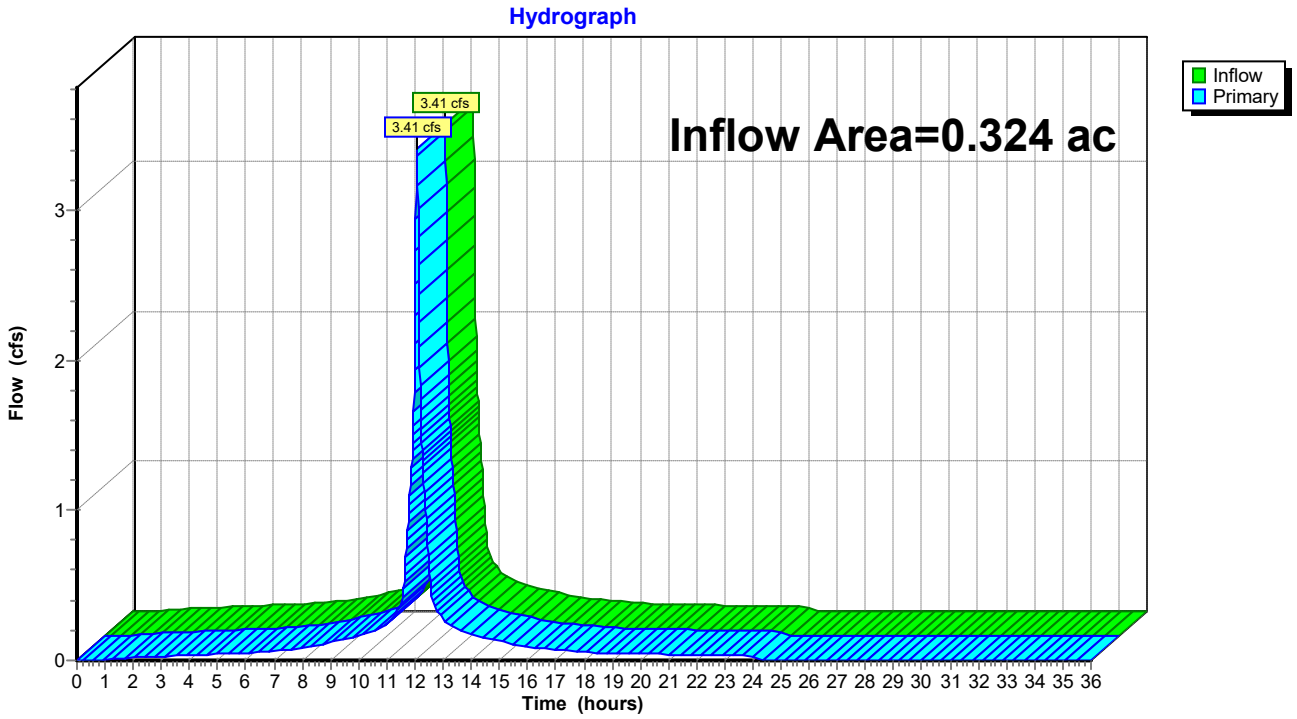


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 9.99" for 100-year+ event
Inflow = 3.41 cfs @ 12.07 hrs, Volume= 0.270 af
Primary = 3.41 cfs @ 12.07 hrs, Volume= 0.270 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

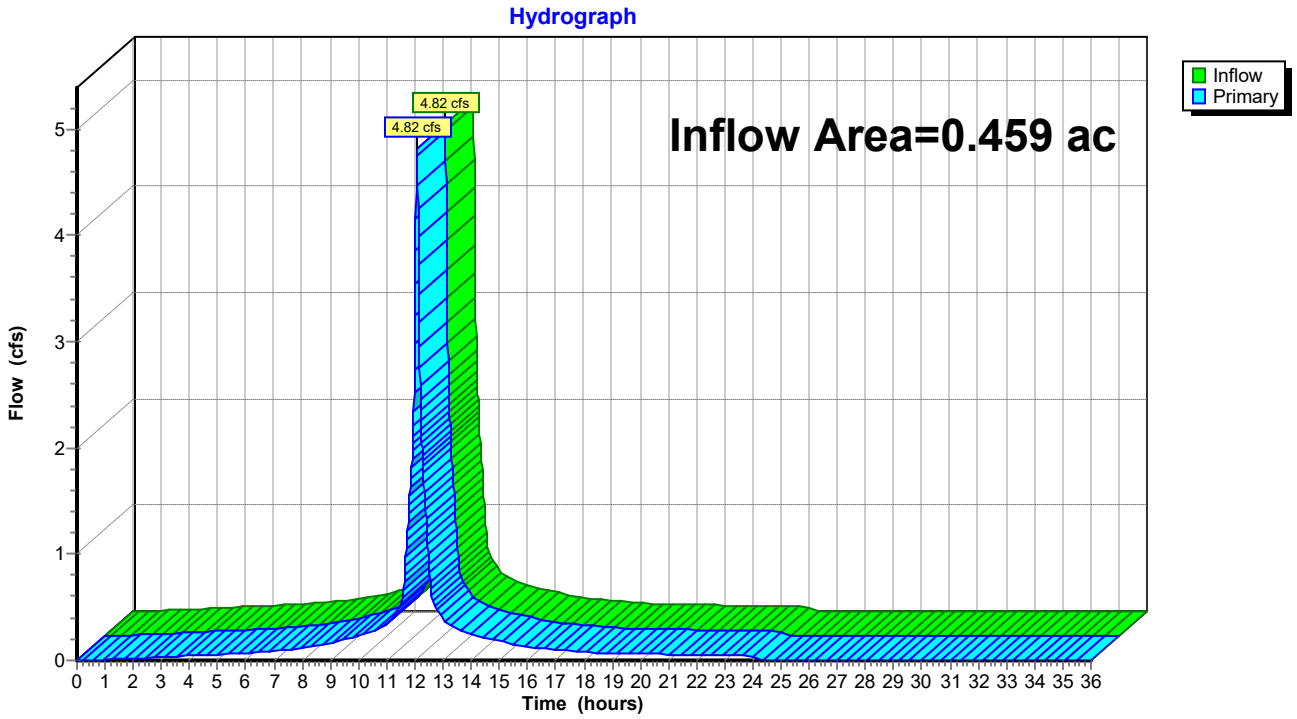


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 9.87" for 100-year+ event
Inflow = 4.82 cfs @ 12.07 hrs, Volume= 0.377 af
Primary = 4.82 cfs @ 12.07 hrs, Volume= 0.377 af, Atten= 0%, Lag= 0.0 min

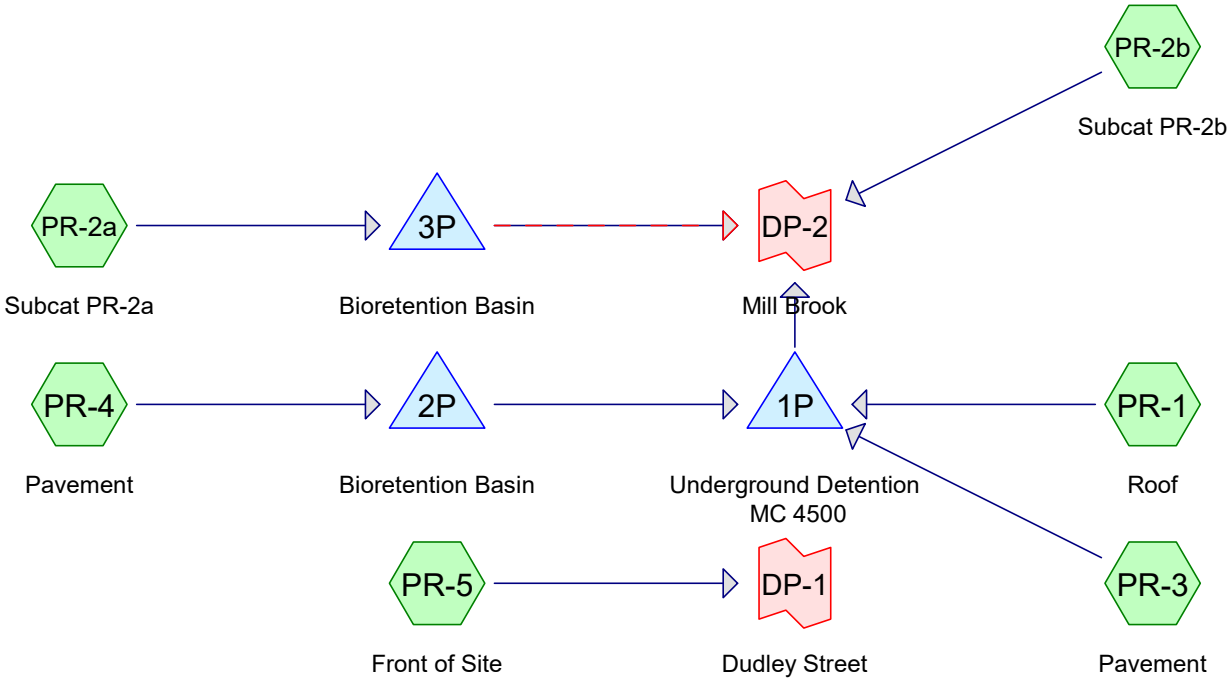
Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



HydroCAD Analysis: Proposed Conditions

2-Year Storm Event – Proposed



Subcat Reach Pond Link

Routing Diagram for 52816.00 - Proposed
Prepared by VHB, Printed 4/21/2022
HydroCAD® 10.10-5a s/n 01038 © 2020 HydroCAD Software Solutions LLC

Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2-year+	Type III 24-hr		Default	24.00	1	3.64	2
2	10-year+	Type III 24-hr		Default	24.00	1	5.79	2
3	25-year+	Type III 24-hr		Default	24.00	1	7.49	2
4	100-year+	Type III 24-hr		Default	24.00	1	10.35	2

Area Listing (selected nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.212	80	>75% Grass cover, Good, HSG D (PR-2a, PR-2b, PR-5)
0.090	98	Paved parking, HSG D (PR-2b, PR-3, PR-4, PR-5)
0.480	98	Roofs, HSG D (PR-1)
0.783	**93**	**TOTAL AREA**

Soil Listing (selected nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
0.000	HSG C	
0.783	HSG D	PR-1, PR-2a, PR-2b, PR-3, PR-4, PR-5
0.000	Other	
0.783		**TOTAL AREA**

Ground Covers (selected nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.212	0.000	0.212	>75% Grass cover, Good	PR-2a, PR-2b, PR-5
0.000	0.000	0.000	0.090	0.000	0.090	Paved parking	PR-2b, PR-3, PR-4, PR-5
0.000	0.000	0.000	0.480	0.000	0.480	Roofs	PR-1
0.000	**0.000**	**0.000**	**0.783**	**0.000**	**0.783**	**TOTAL AREA**	

Pipe Listing (selected nodes)

Line#	Node Number	In-Invert (feet)	Out-Invert (feet)	Length (feet)	Slope (ft/ft)	n	Width (inches)	Diam/Height (inches)	Inside-Fill (inches)
1	1P	71.70	71.60	15.8	0.0063	0.013	0.0	12.0	0.0
2	2P	72.00	71.50	15.9	0.0314	0.013	0.0	12.0	0.0
3	3P	72.00	71.50	15.9	0.0314	0.013	0.0	12.0	0.0

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment PR-1: Roof Runoff Area=0.480 ac 100.00% Impervious Runoff Depth=3.41"
Tc=5.0 min CN=98 Runoff=1.76 cfs 0.136 af

Subcatchment PR-2a: Subcat PR-2a Runoff Area=0.084 ac 0.00% Impervious Runoff Depth=1.75"
Tc=5.0 min CN=80 Runoff=0.18 cfs 0.012 af

Subcatchment PR-2b: Subcat PR-2b Runoff Area=0.105 ac 1.89% Impervious Runoff Depth=1.75"
Tc=5.0 min CN=80 Runoff=0.22 cfs 0.015 af

Subcatchment PR-3: Pavement Runoff Area=0.006 ac 100.00% Impervious Runoff Depth=3.41"
Tc=5.0 min CN=98 Runoff=0.02 cfs 0.002 af

Subcatchment PR-4: Pavement Runoff Area=0.068 ac 100.00% Impervious Runoff Depth=3.41"
Tc=5.0 min CN=98 Runoff=0.25 cfs 0.019 af

Subcatchment PR-5: Front of Site Runoff Area=0.040 ac 36.28% Impervious Runoff Depth=2.31"
Tc=5.0 min CN=87 Runoff=0.11 cfs 0.008 af

Pond 1P: Underground Detention MC 4500 Peak Elev=72.10' Storage=2,557 cf Inflow=2.01 cfs 0.147 af
Discarded=0.07 cfs 0.122 af Primary=0.40 cfs 0.025 af Outflow=0.48 cfs 0.147 af

Pond 2P: Bioretention Basin Peak Elev=76.33' Storage=82 cf Inflow=0.25 cfs 0.019 af
Discarded=0.01 cfs 0.010 af Primary=0.23 cfs 0.009 af Outflow=0.24 cfs 0.019 af

Pond 3P: Bioretention Basin Peak Elev=77.74' Storage=23 cf Inflow=0.18 cfs 0.012 af
Discarded=0.01 cfs 0.005 af Primary=0.16 cfs 0.007 af Secondary=0.00 cfs 0.000 af Outflow=0.17 cfs 0.012 af

Link DP-1: Dudley Street Inflow=0.11 cfs 0.008 af
Primary=0.11 cfs 0.008 af

Link DP-2: Mill Brook Inflow=0.53 cfs 0.047 af
Primary=0.53 cfs 0.047 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.192 af Average Runoff Depth = 2.95"
27.13% Pervious = 0.212 ac 72.87% Impervious = 0.571 ac

Summary for Subcatchment PR-1: Roof

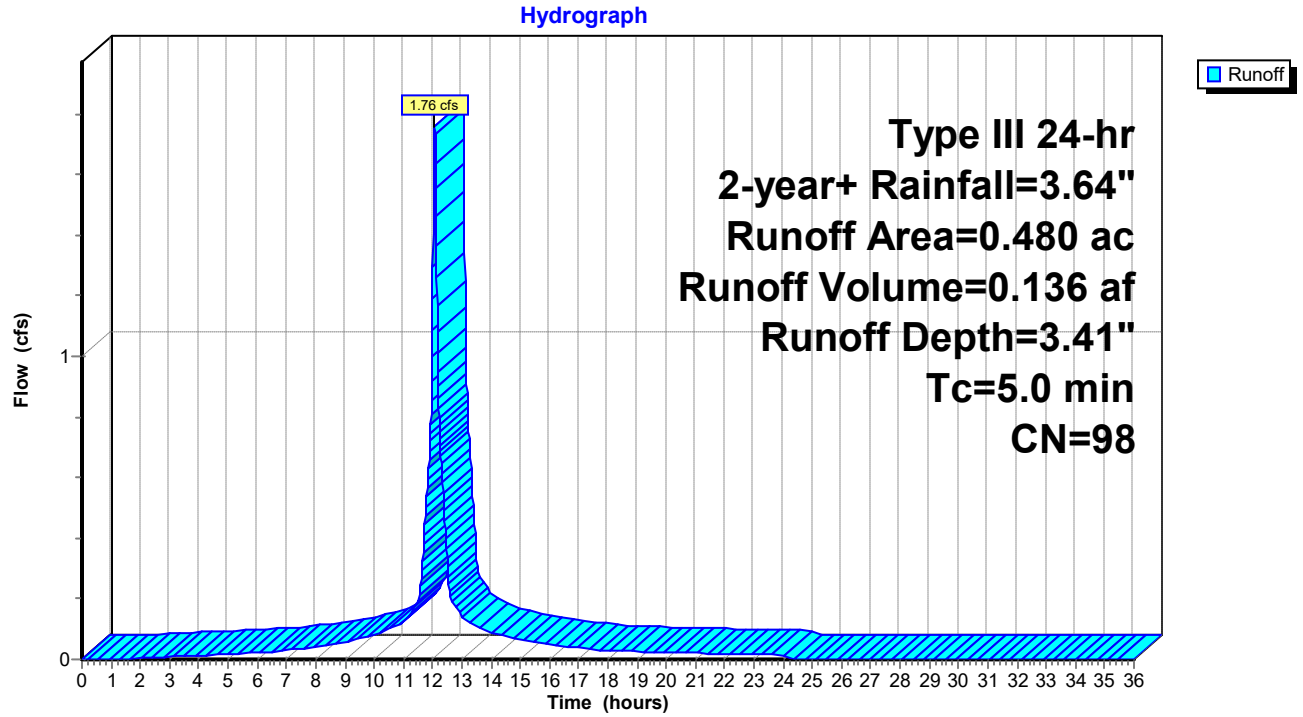
Runoff = 1.76 cfs @ 12.07 hrs, Volume= 0.136 af, Depth= 3.41"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.480	98	Roofs, HSG D
0.480		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2a: Subcat PR-2a

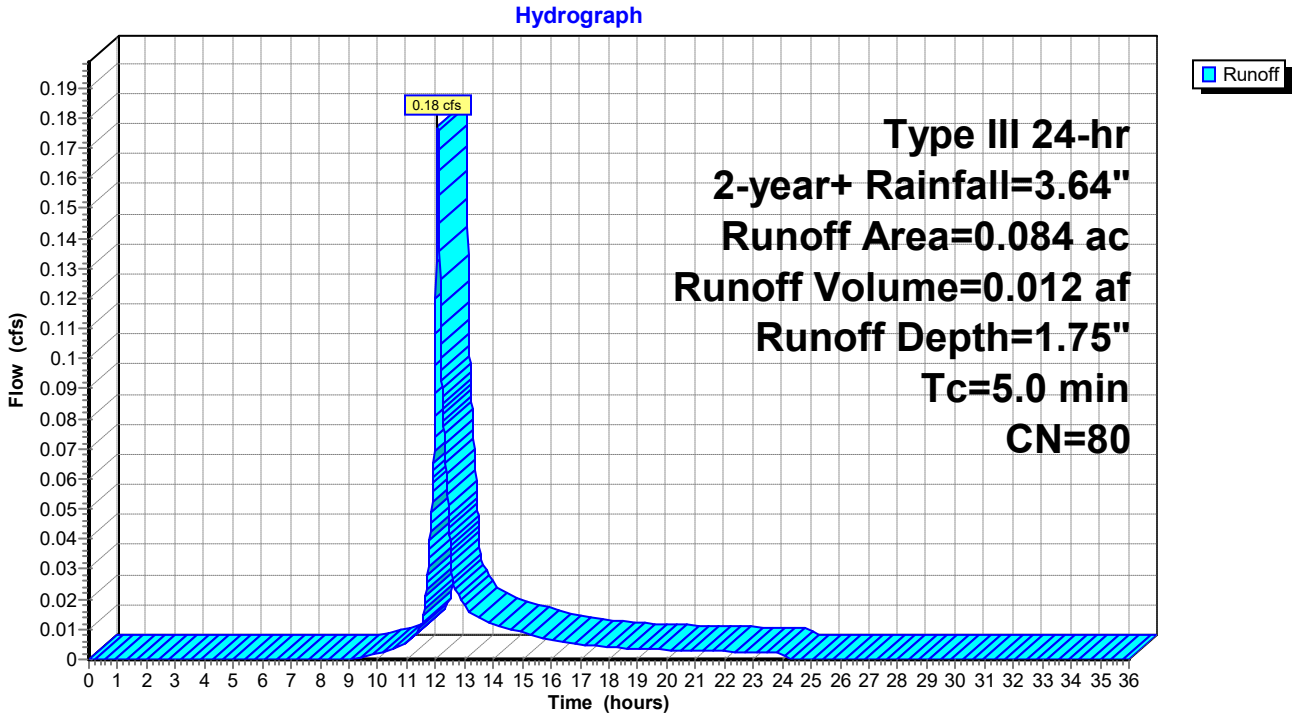
Runoff = 0.18 cfs @ 12.08 hrs, Volume= 0.012 af, Depth= 1.75"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.084	80	>75% Grass cover, Good, HSG D
0.084		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2a: Subcat PR-2a



Summary for Subcatchment PR-2b: Subcat PR-2b

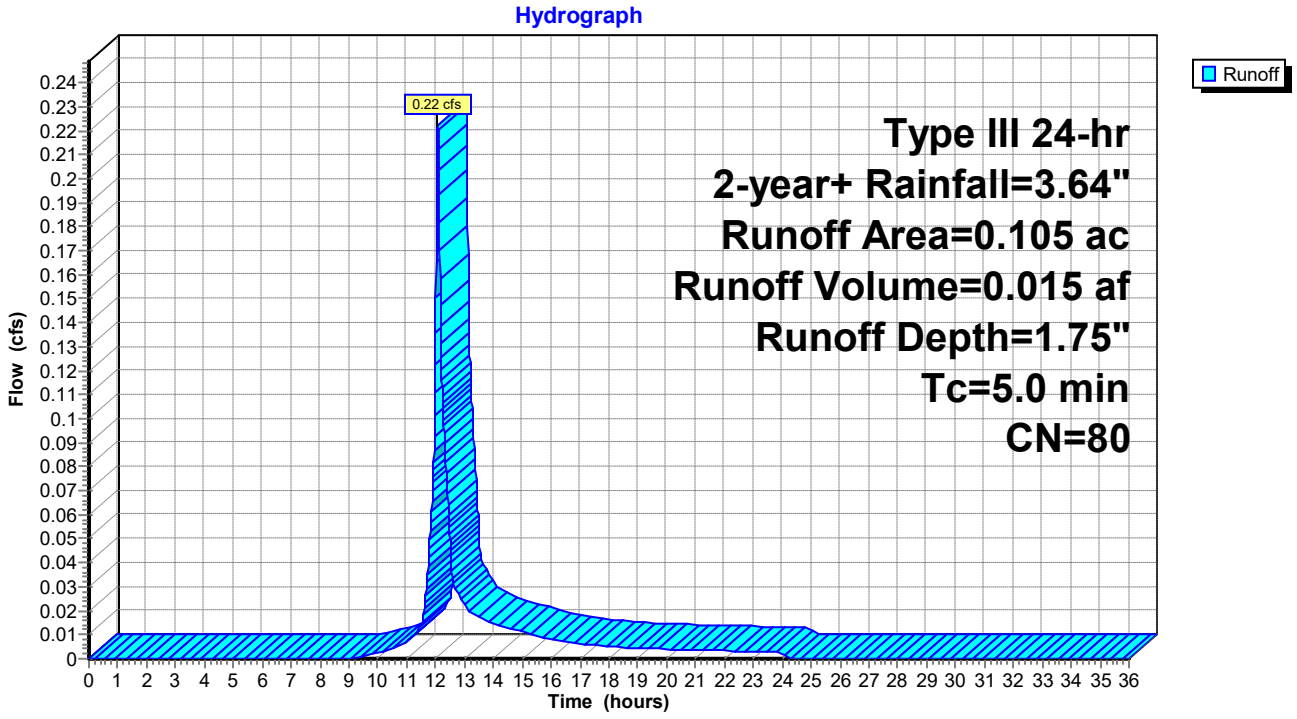
Runoff = 0.22 cfs @ 12.08 hrs, Volume= 0.015 af, Depth= 1.75"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.103	80	>75% Grass cover, Good, HSG D
0.002	98	Paved parking, HSG D
0.105	80	Weighted Average
0.103		98.11% Pervious Area
0.002		1.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2b: Subcat PR-2b



Summary for Subcatchment PR-3: Pavement

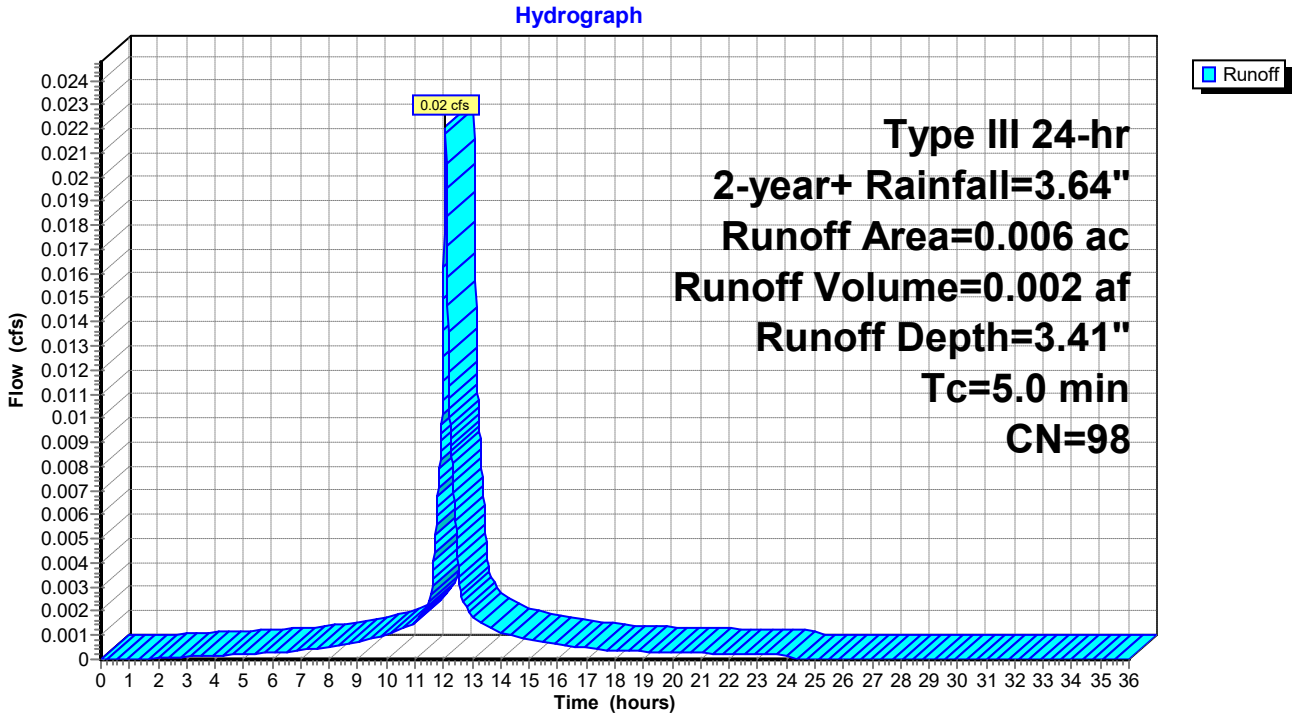
Runoff = 0.02 cfs @ 12.07 hrs, Volume= 0.002 af, Depth= 3.41"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.006	98	Paved parking, HSG D
0.006		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

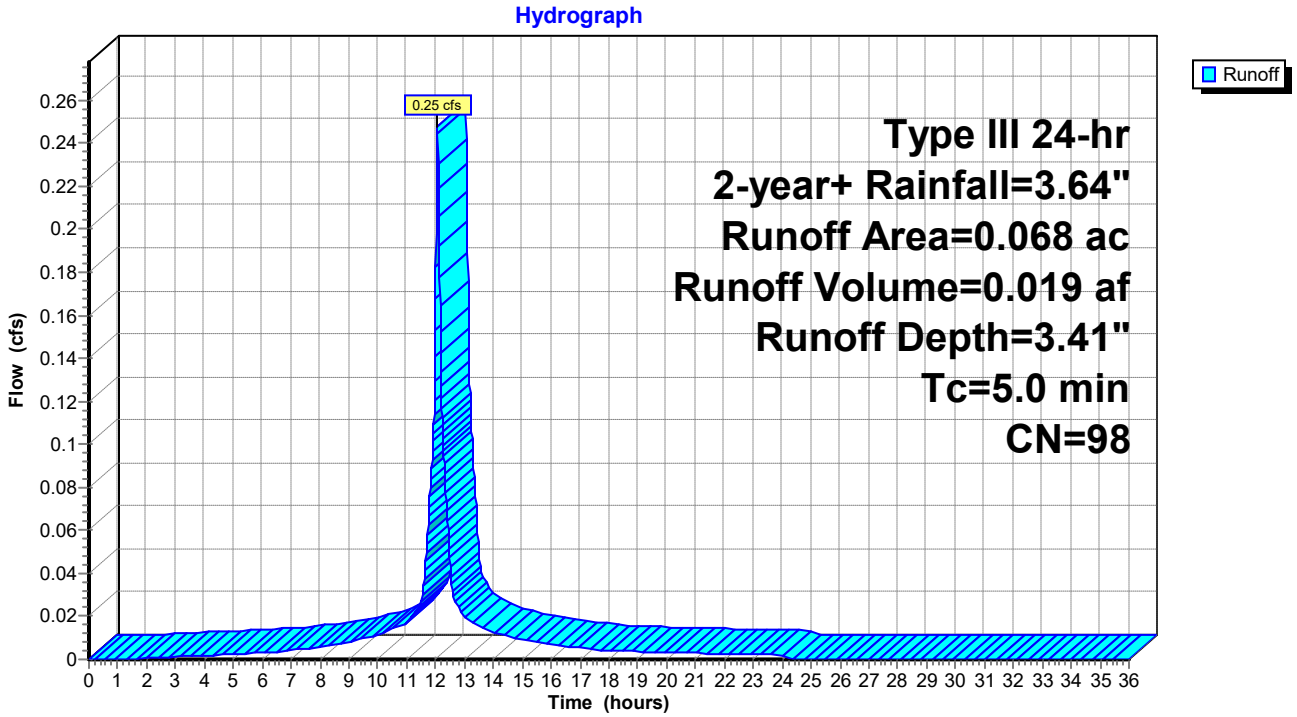
Runoff = 0.25 cfs @ 12.07 hrs, Volume= 0.019 af, Depth= 3.41"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.068	98	Paved parking, HSG D
0.068		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

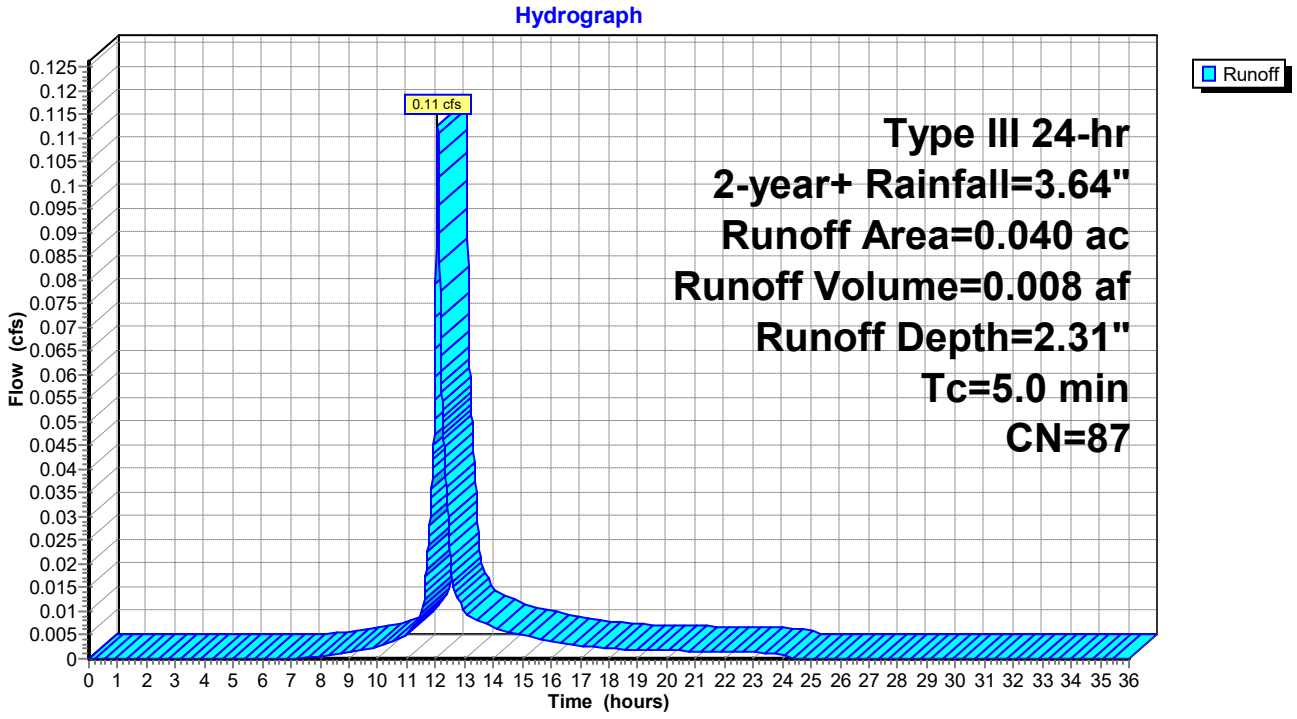
Runoff = 0.11 cfs @ 12.07 hrs, Volume= 0.008 af, Depth= 2.31"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year+ Rainfall=3.64"

Area (ac)	CN	Description
0.026	80	>75% Grass cover, Good, HSG D
0.015	98	Paved parking, HSG D
0.040	87	Weighted Average
0.026		63.72% Pervious Area
0.015		36.28% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

Inflow Area = 0.554 ac,100.00% Impervious, Inflow Depth = 3.18" for 2-year+ event
Inflow = 2.01 cfs @ 12.07 hrs, Volume= 0.147 af
Outflow = 0.48 cfs @ 12.44 hrs, Volume= 0.147 af, Atten= 76%, Lag= 22.1 min
Discarded = 0.07 cfs @ 9.85 hrs, Volume= 0.122 af
Primary = 0.40 cfs @ 12.44 hrs, Volume= 0.025 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 72.10' @ 12.44 hrs Surf.Area= 1,341 sf Storage= 2,557 cf

Plug-Flow detention time= 215.8 min calculated for 0.147 af (100% of inflow)
Center-of-Mass det. time= 215.8 min (967.4 - 751.6)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	2,691 cf	**Custom Stage Data (Irregular)** Listed below 9,387 cf Overall - 2,659 cf Embedded = 6,728 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		5,350 cf	Total Available Storage

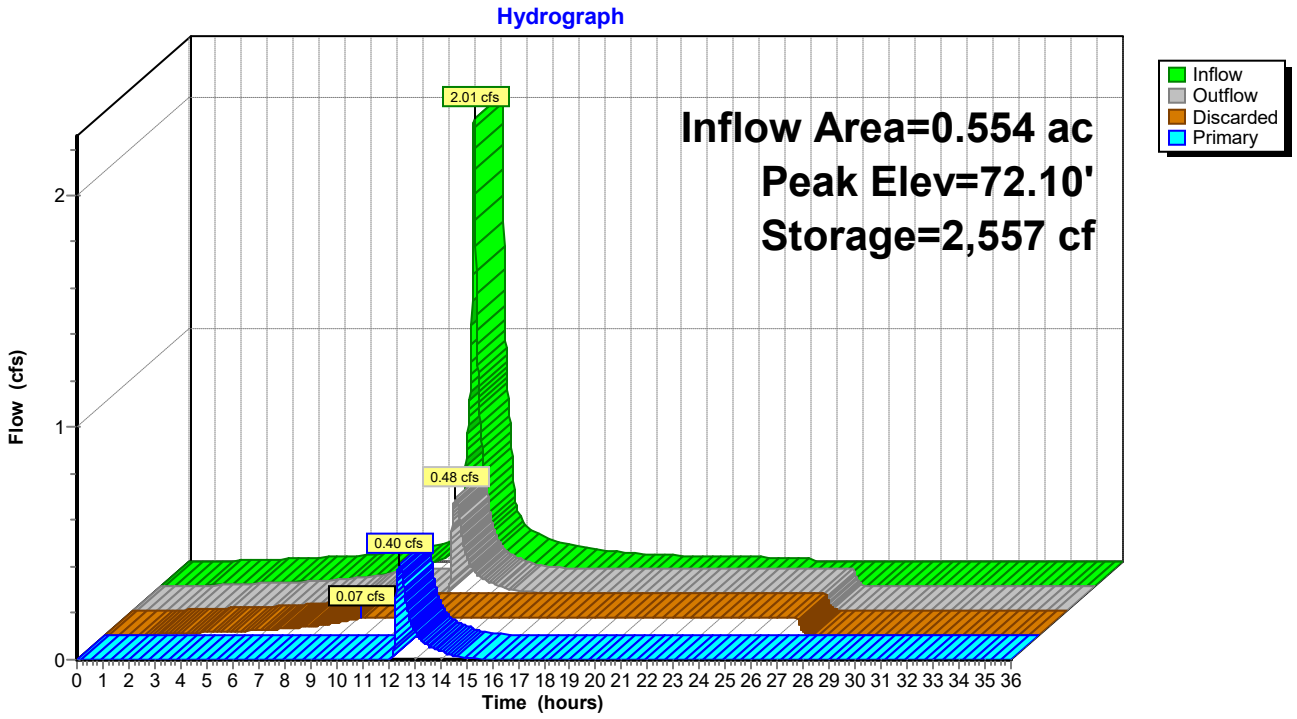
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,341	158.4	0	0	1,341
76.10	1,341	158.4	9,387	9,387	2,450

Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.5" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.40'	**5.5" W x 6.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Device 1	75.90'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.07 cfs @ 9.85 hrs HW=69.17' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.07 cfs)

Primary OutFlow Max=0.41 cfs @ 12.44 hrs HW=72.10' (Free Discharge)
└**1=Culvert** (Passes 0.41 cfs of 0.46 cfs potential flow)
  └**2=Orifice/Grate** (Orifice Controls 0.41 cfs @ 2.25 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)
  └**4=Sharp-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.068 ac,100.00% Impervious, Inflow Depth = 3.41" for 2-year+ event
Inflow = 0.25 cfs @ 12.07 hrs, Volume= 0.019 af
Outflow = 0.24 cfs @ 12.08 hrs, Volume= 0.019 af, Atten= 2%, Lag= 0.8 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.010 af
Primary = 0.23 cfs @ 12.08 hrs, Volume= 0.009 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.33' @ 12.08 hrs Surf.Area= 216 sf Storage= 82 cf

Plug-Flow detention time= 50.3 min calculated for 0.019 af (100% of inflow)
Center-of-Mass det. time= 50.3 min (803.2 - 752.8)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

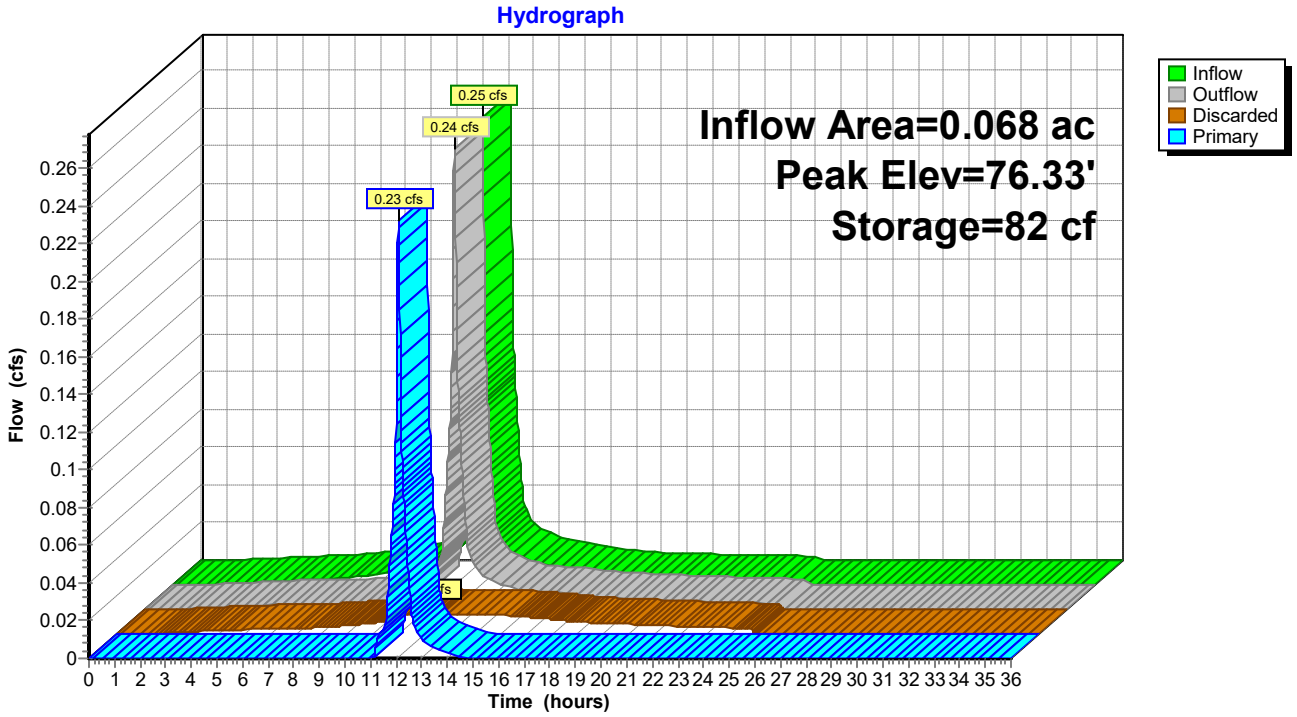
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.33' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.23 cfs @ 12.08 hrs HW=76.33' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.23 cfs of 2.95 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.23 cfs @ 0.92 fps)

Pond 2P: Bioretention Basin



Summary for Pond 3P: Bioretention Basin

Inflow Area = 0.084 ac, 0.00% Impervious, Inflow Depth = 1.75" for 2-year+ event
Inflow = 0.18 cfs @ 12.08 hrs, Volume= 0.012 af
Outflow = 0.17 cfs @ 12.11 hrs, Volume= 0.012 af, Atten= 7%, Lag= 1.8 min
Discarded = 0.01 cfs @ 12.11 hrs, Volume= 0.005 af
Primary = 0.16 cfs @ 12.11 hrs, Volume= 0.007 af
Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 77.74' @ 12.11 hrs Surf.Area= 122 sf Storage= 23 cf

Plug-Flow detention time= 8.7 min calculated for 0.012 af (100% of inflow)
Center-of-Mass det. time= 8.7 min (844.0 - 835.4)

Volume	Invert	Avail.Storage	Storage Description
#1	77.50'	181 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
77.50	70	56.2	0	0	70
77.90	163	68.7	45	45	197
78.50	296	80.0	136	181	338

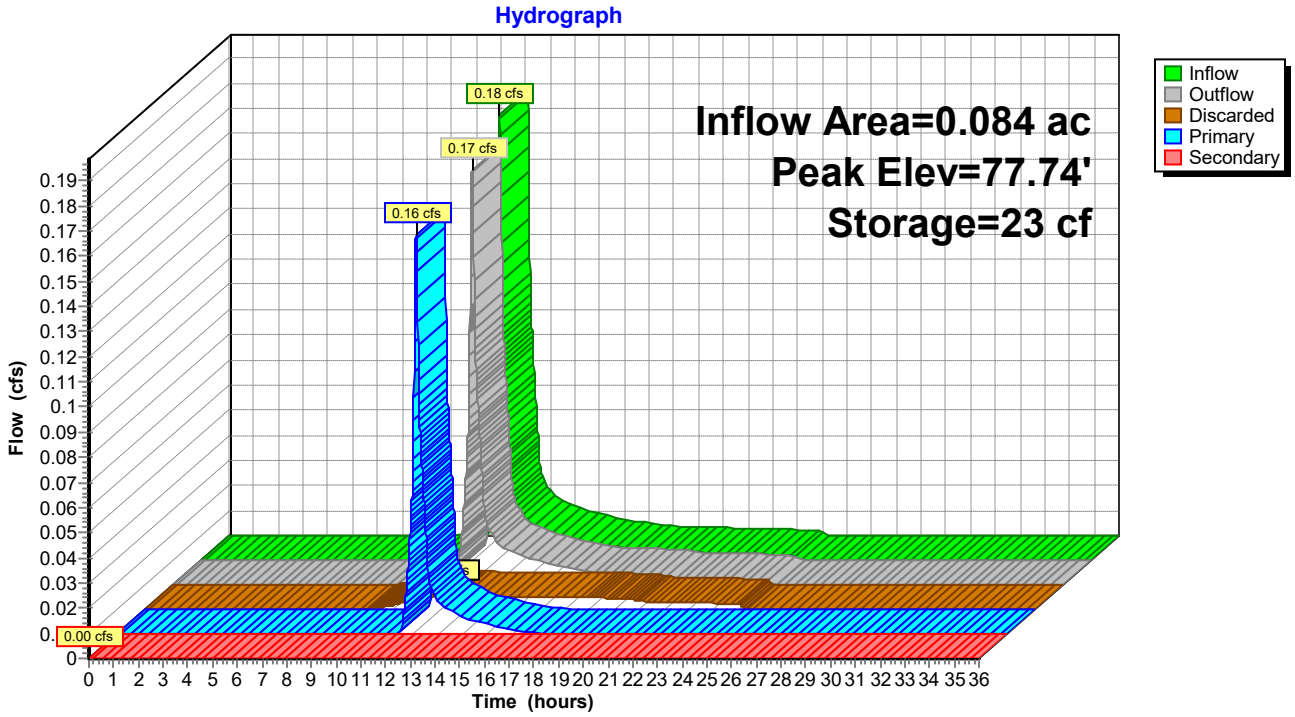
Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	77.60'	**4.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	78.25'	**12.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	78.40'	**10.0' long x 5.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#5	Discarded	77.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.11 hrs HW=77.74' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.16 cfs @ 12.11 hrs HW=77.74' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.16 cfs of 5.38 cfs potential flow)
  ├**2=Orifice/Grate** (Orifice Controls 0.16 cfs @ 1.82 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=77.50' (Free Discharge)
└**4=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 3P: Bioretention Basin

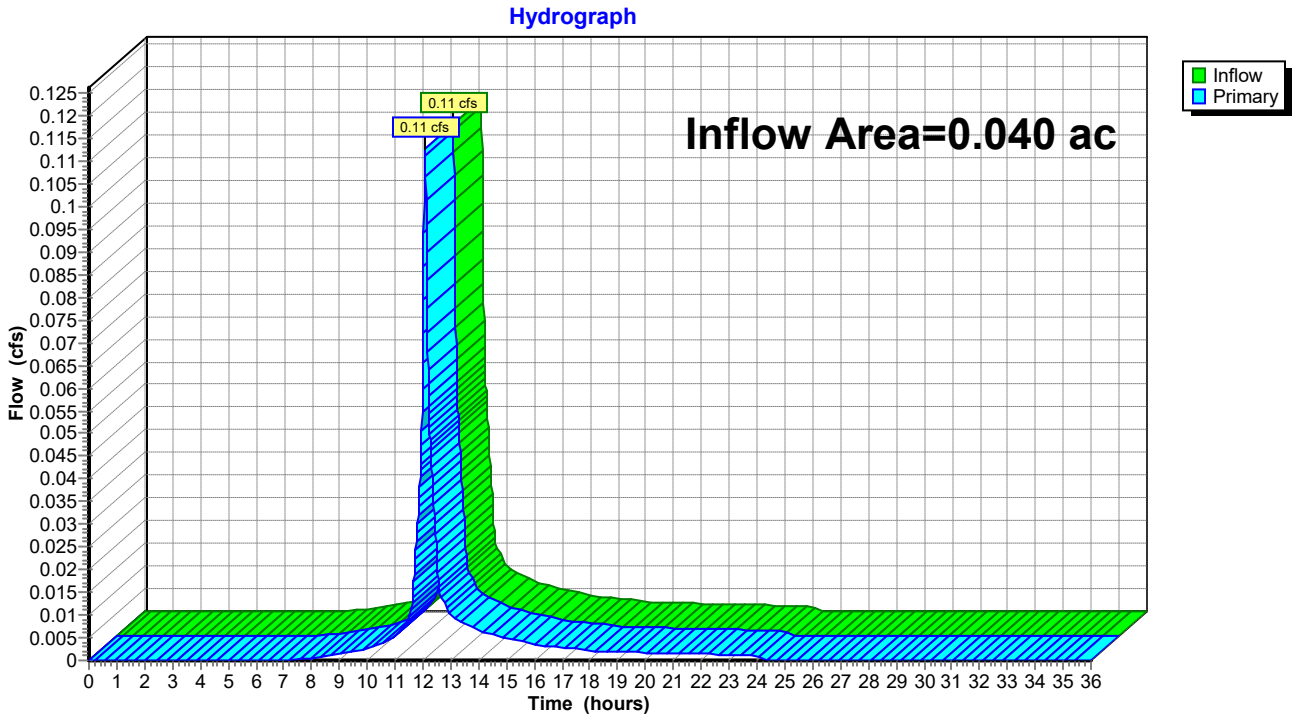


Summary for Link DP-1: Dudley Street

Inflow Area = 0.040 ac, 36.28% Impervious, Inflow Depth = 2.31" for 2-year+ event
Inflow = 0.11 cfs @ 12.07 hrs, Volume= 0.008 af
Primary = 0.11 cfs @ 12.07 hrs, Volume= 0.008 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

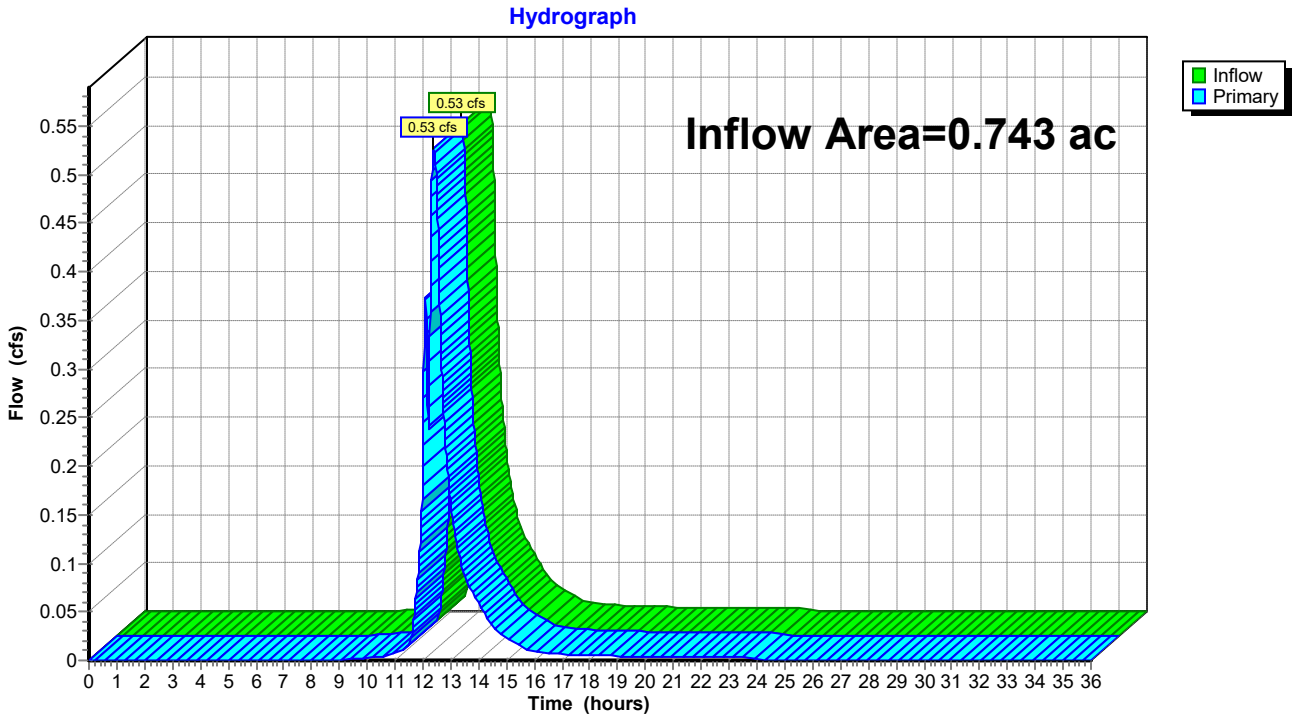


Summary for Link DP-2: Mill Brook

Inflow Area = 0.743 ac, 74.86% Impervious, Inflow Depth = 0.76" for 2-year+ event
Inflow = 0.53 cfs @ 12.39 hrs, Volume= 0.047 af
Primary = 0.53 cfs @ 12.39 hrs, Volume= 0.047 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



10-Year Storm Event – Proposed

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment PR-1: Roof Runoff Area=0.480 ac 100.00% Impervious Runoff Depth=5.55"
Tc=5.0 min CN=98 Runoff=2.82 cfs 0.222 af

Subcatchment PR-2a: Subcat PR-2a Runoff Area=0.084 ac 0.00% Impervious Runoff Depth=3.59"
Tc=5.0 min CN=80 Runoff=0.36 cfs 0.025 af

Subcatchment PR-2b: Subcat PR-2b Runoff Area=0.105 ac 1.89% Impervious Runoff Depth=3.59"
Tc=5.0 min CN=80 Runoff=0.46 cfs 0.031 af

Subcatchment PR-3: Pavement Runoff Area=0.006 ac 100.00% Impervious Runoff Depth=5.55"
Tc=5.0 min CN=98 Runoff=0.04 cfs 0.003 af

Subcatchment PR-4: Pavement Runoff Area=0.068 ac 100.00% Impervious Runoff Depth=5.55"
Tc=5.0 min CN=98 Runoff=0.40 cfs 0.031 af

Subcatchment PR-5: Front of Site Runoff Area=0.040 ac 36.28% Impervious Runoff Depth=4.32"
Tc=5.0 min CN=87 Runoff=0.21 cfs 0.015 af

Pond 1P: Underground Detention MC 4500 Peak Elev=73.45' Storage=3,725 cf Inflow=3.23 cfs 0.243 af
Discarded=0.07 cfs 0.145 af Primary=1.11 cfs 0.098 af Outflow=1.18 cfs 0.243 af

Pond 2P: Bioretention Basin Peak Elev=76.36' Storage=89 cf Inflow=0.40 cfs 0.031 af
Discarded=0.01 cfs 0.014 af Primary=0.38 cfs 0.018 af Outflow=0.39 cfs 0.031 af

Pond 3P: Bioretention Basin Peak Elev=78.01' Storage=65 cf Inflow=0.36 cfs 0.025 af
Discarded=0.01 cfs 0.007 af Primary=0.27 cfs 0.018 af Secondary=0.00 cfs 0.000 af Outflow=0.28 cfs 0.025 af

Link DP-1: Dudley Street Inflow=0.21 cfs 0.015 af
Primary=0.21 cfs 0.015 af

Link DP-2: Mill Brook Inflow=1.60 cfs 0.147 af
Primary=1.60 cfs 0.147 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.327 af Average Runoff Depth = 5.02"
27.13% Pervious = 0.212 ac 72.87% Impervious = 0.571 ac

Summary for Subcatchment PR-1: Roof

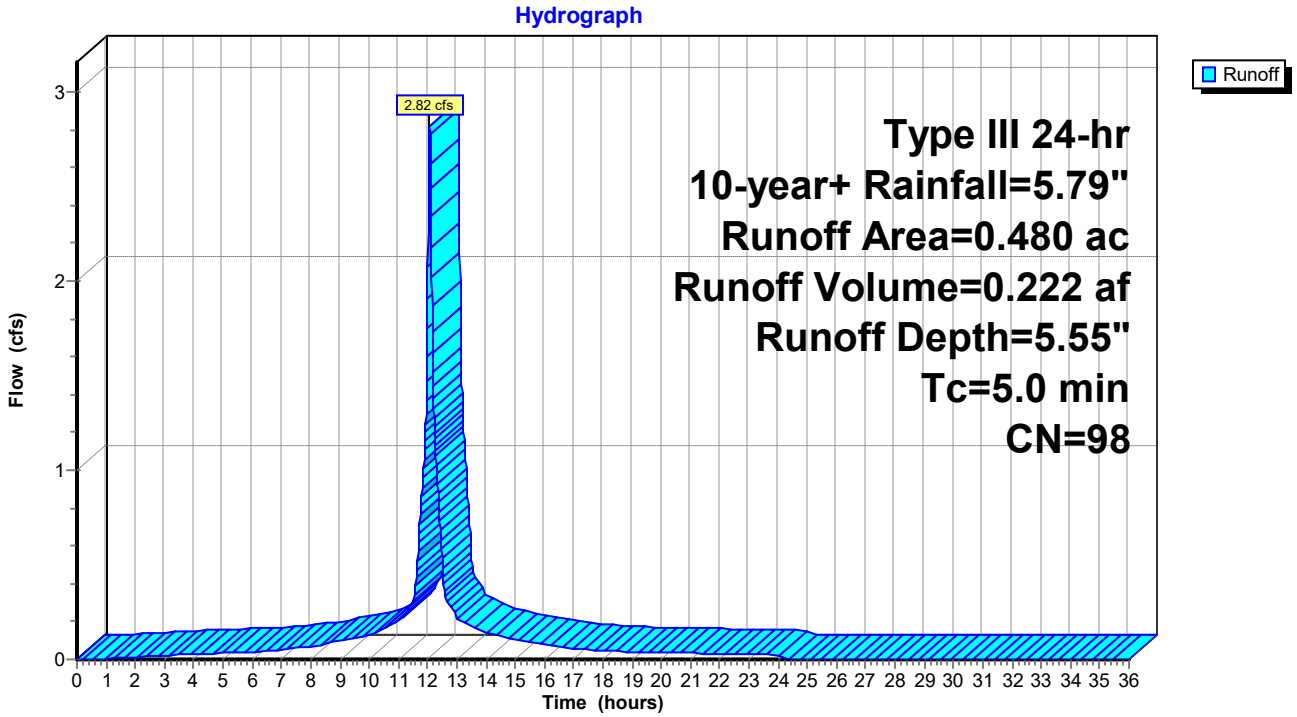
Runoff = 2.82 cfs @ 12.07 hrs, Volume= 0.222 af, Depth= 5.55"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.480	98	Roofs, HSG D
0.480		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2a: Subcat PR-2a

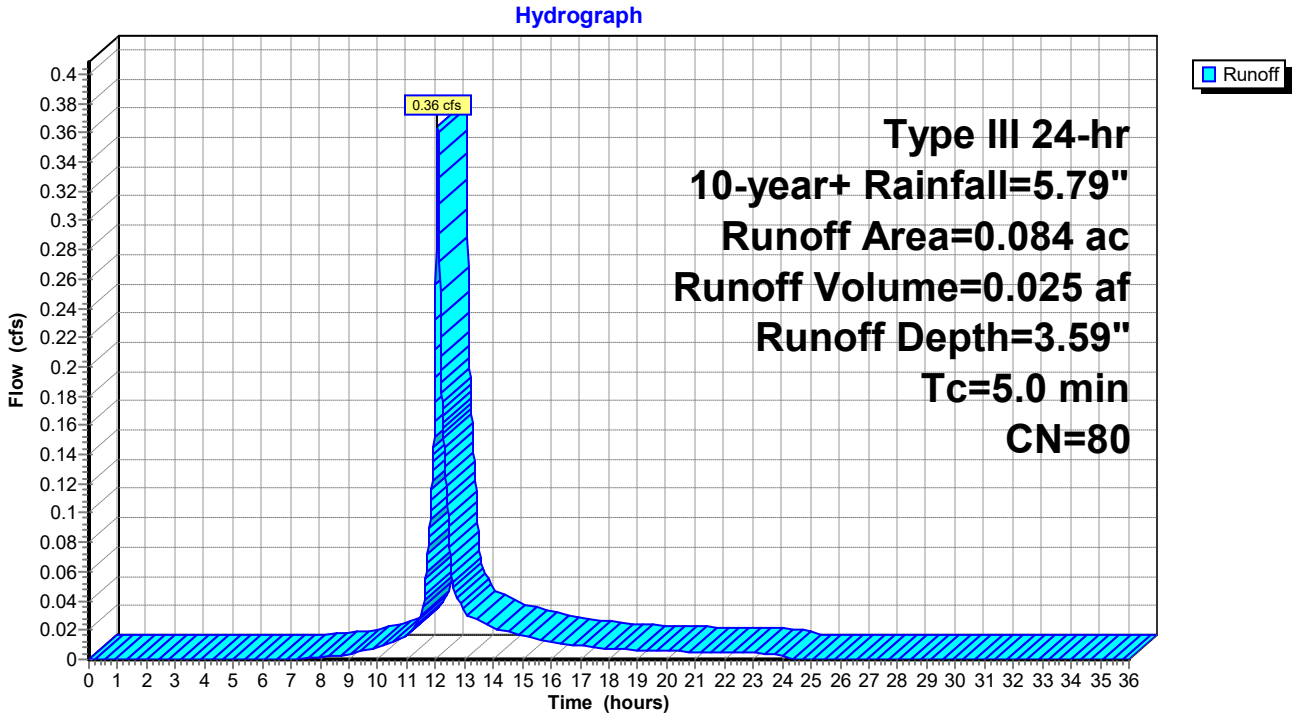
Runoff = 0.36 cfs @ 12.07 hrs, Volume= 0.025 af, Depth= 3.59"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.084	80	>75% Grass cover, Good, HSG D
0.084		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2a: Subcat PR-2a



Summary for Subcatchment PR-2b: Subcat PR-2b

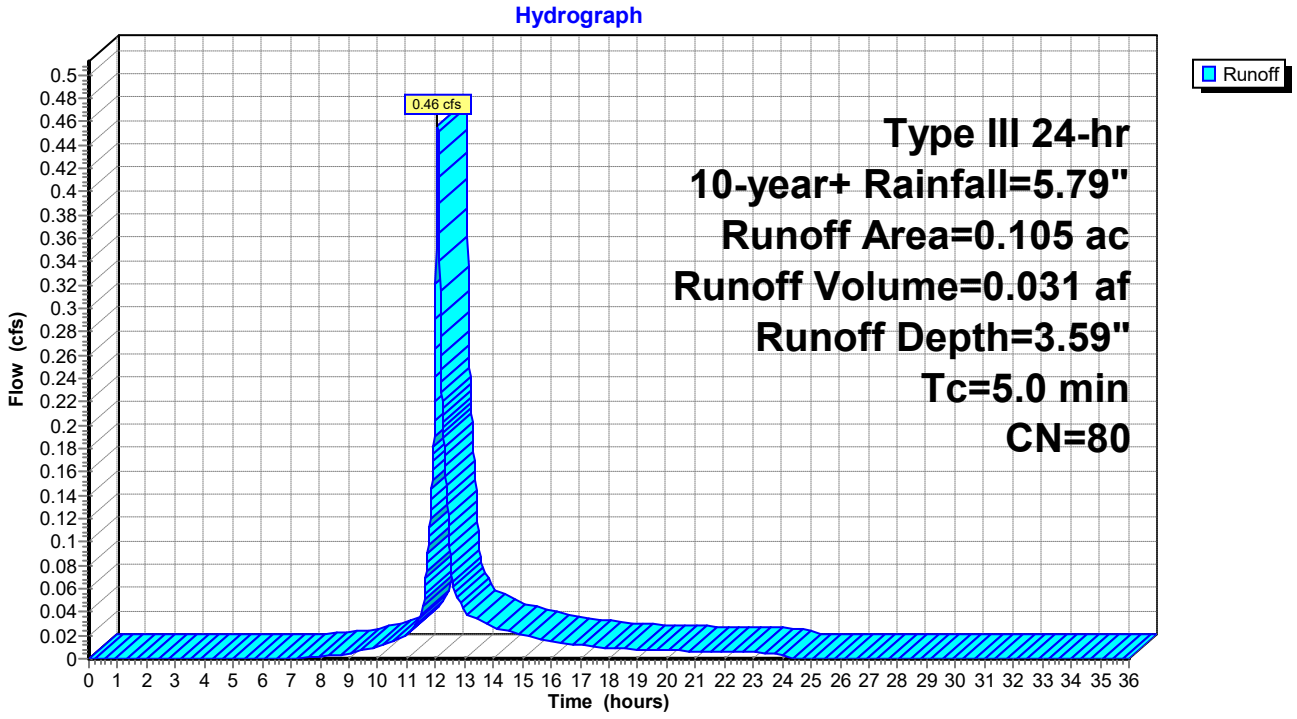
Runoff = 0.46 cfs @ 12.07 hrs, Volume= 0.031 af, Depth= 3.59"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.103	80	>75% Grass cover, Good, HSG D
0.002	98	Paved parking, HSG D
0.105	80	Weighted Average
0.103		98.11% Pervious Area
0.002		1.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2b: Subcat PR-2b



Summary for Subcatchment PR-3: Pavement

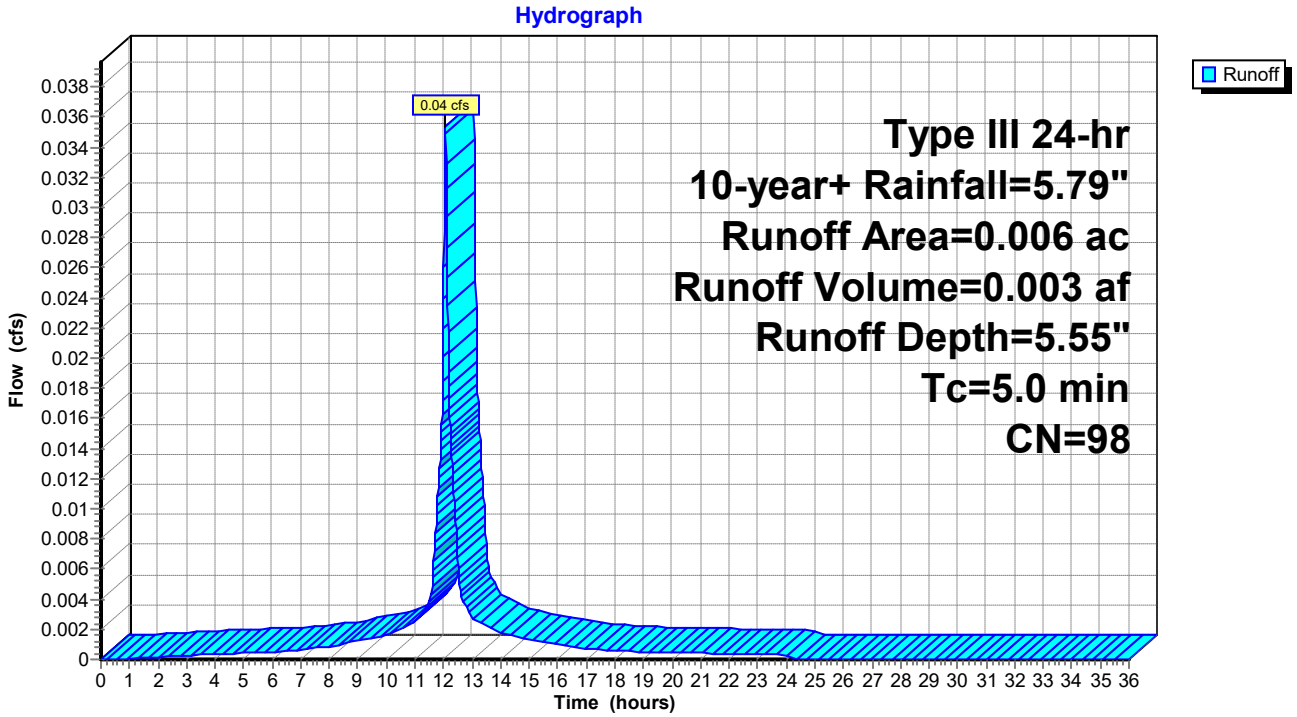
Runoff = 0.04 cfs @ 12.07 hrs, Volume= 0.003 af, Depth= 5.55"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.006	98	Paved parking, HSG D
0.006		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

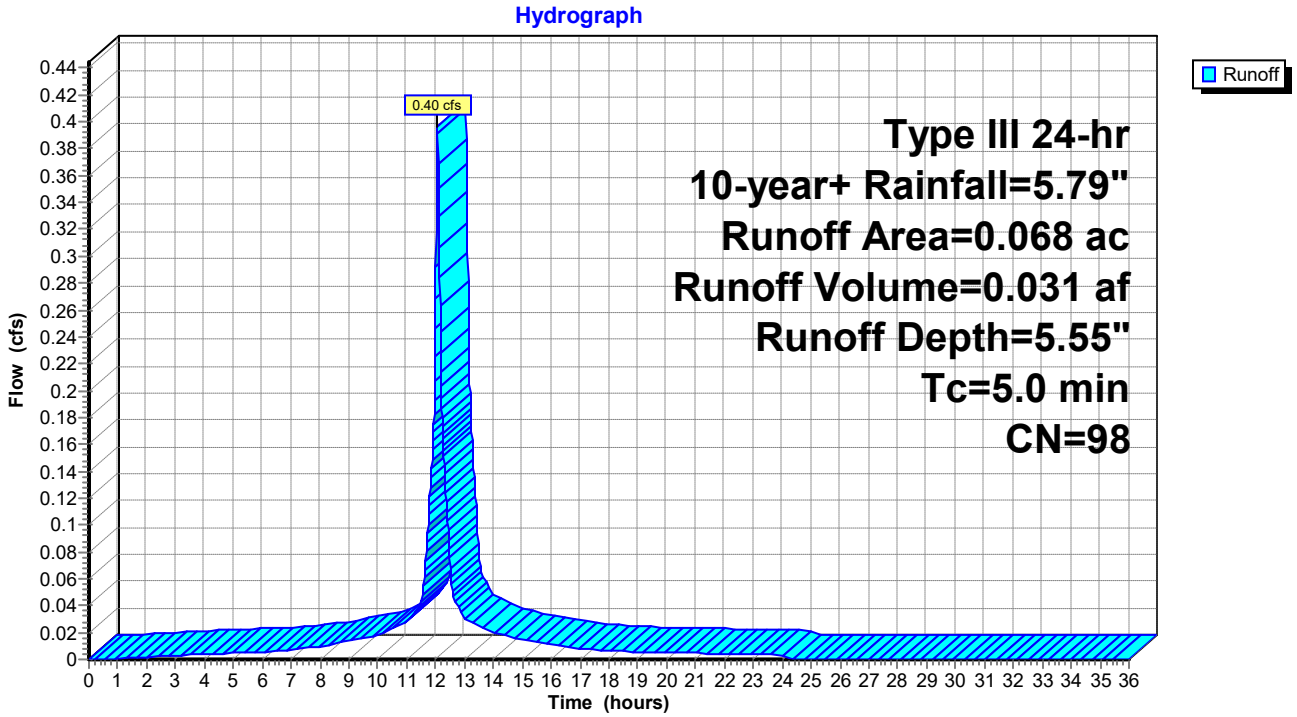
Runoff = 0.40 cfs @ 12.07 hrs, Volume= 0.031 af, Depth= 5.55"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.068	98	Paved parking, HSG D
0.068		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

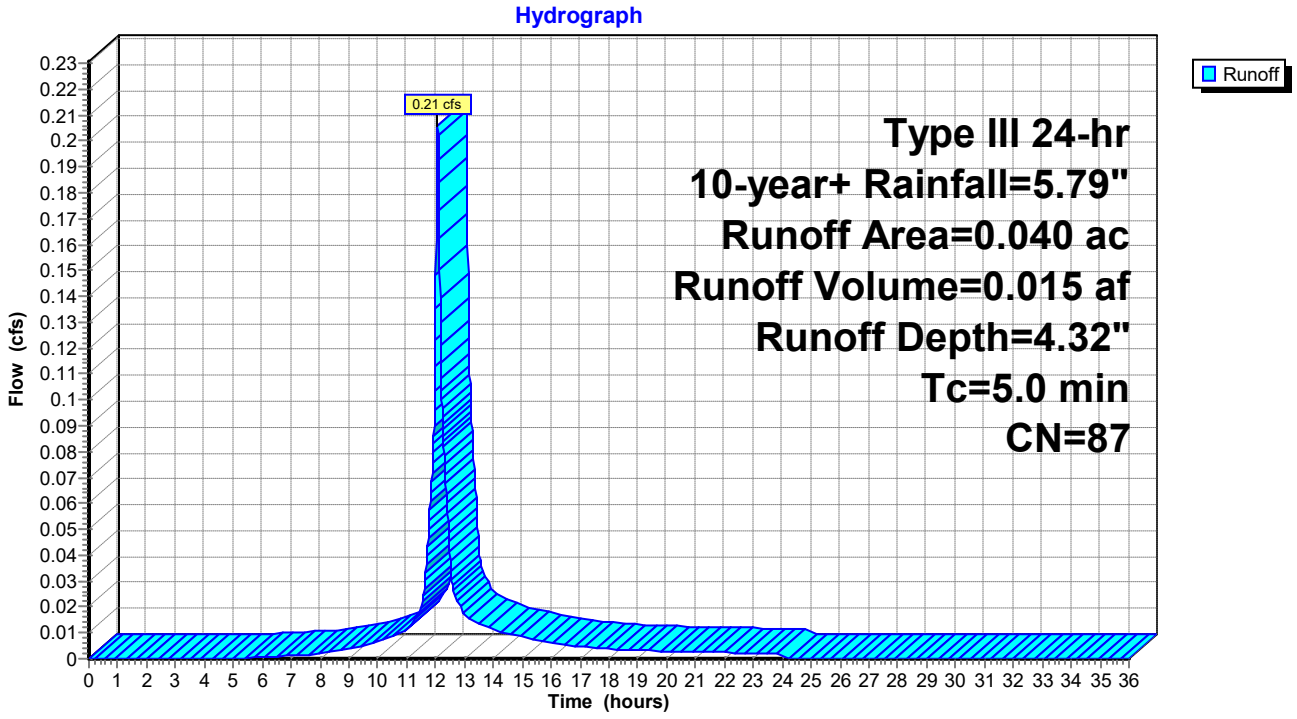
Runoff = 0.21 cfs @ 12.07 hrs, Volume= 0.015 af, Depth= 4.32"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year+ Rainfall=5.79"

Area (ac)	CN	Description
0.026	80	>75% Grass cover, Good, HSG D
0.015	98	Paved parking, HSG D
0.040	87	Weighted Average
0.026		63.72% Pervious Area
0.015		36.28% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

Inflow Area = 0.554 ac,100.00% Impervious, Inflow Depth = 5.26" for 10-year+ event
Inflow = 3.23 cfs @ 12.07 hrs, Volume= 0.243 af
Outflow = 1.18 cfs @ 12.30 hrs, Volume= 0.243 af, Atten= 63%, Lag= 13.5 min
Discarded = 0.07 cfs @ 8.37 hrs, Volume= 0.145 af
Primary = 1.11 cfs @ 12.30 hrs, Volume= 0.098 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 73.45' @ 12.30 hrs Surf.Area= 1,341 sf Storage= 3,725 cf

Plug-Flow detention time= 169.7 min calculated for 0.243 af (100% of inflow)
Center-of-Mass det. time= 169.7 min (913.5 - 743.8)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	2,691 cf	**Custom Stage Data (Irregular)** Listed below 9,387 cf Overall - 2,659 cf Embedded = 6,728 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		5,350 cf	Total Available Storage

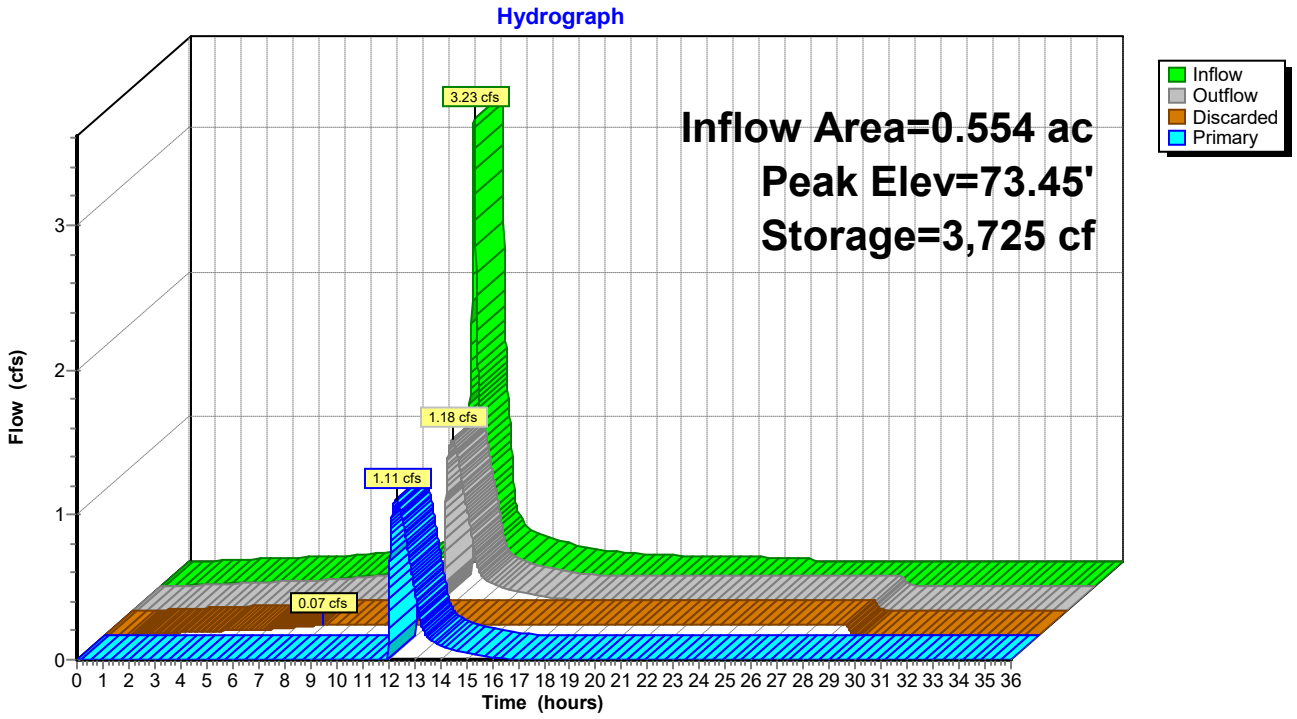
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,341	158.4	0	0	1,341
76.10	1,341	158.4	9,387	9,387	2,450

Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.5" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.40'	**5.5" W x 6.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Device 1	75.90'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.07 cfs @ 8.37 hrs HW=69.17' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.07 cfs)

Primary OutFlow Max=1.11 cfs @ 12.30 hrs HW=73.45' (Free Discharge)
└**1=Culvert** (Passes 1.11 cfs of 4.10 cfs potential flow)
  └**2=Orifice/Grate** (Orifice Controls 1.09 cfs @ 6.05 fps)
  └**3=Orifice/Grate** (Orifice Controls 0.01 cfs @ 0.69 fps)
  └**4=Sharp-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.068 ac,100.00% Impervious, Inflow Depth = 5.55" for 10-year+ event
Inflow = 0.40 cfs @ 12.07 hrs, Volume= 0.031 af
Outflow = 0.39 cfs @ 12.08 hrs, Volume= 0.031 af, Atten= 1%, Lag= 0.8 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.014 af
Primary = 0.38 cfs @ 12.08 hrs, Volume= 0.018 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.36' @ 12.08 hrs Surf.Area= 232 sf Storage= 89 cf

Plug-Flow detention time= 43.7 min calculated for 0.031 af (100% of inflow)
Center-of-Mass det. time= 43.7 min (788.4 - 744.8)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

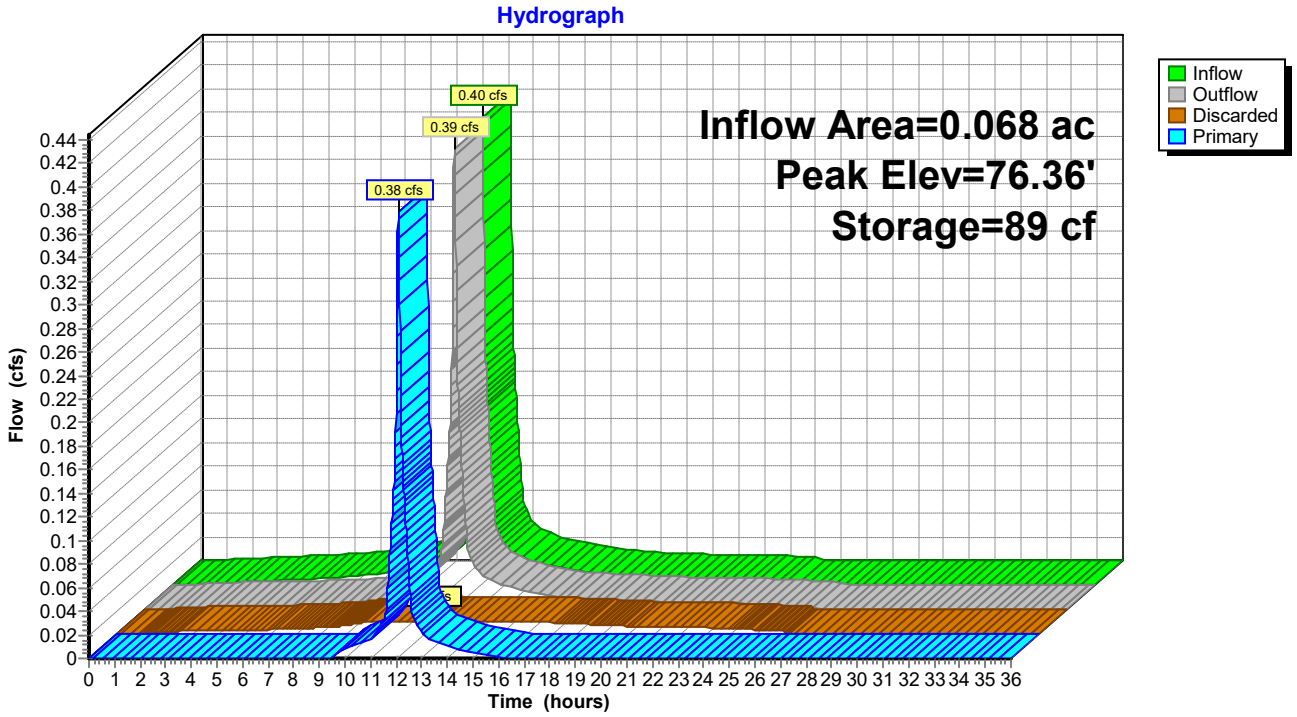
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.36' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.38 cfs @ 12.08 hrs HW=76.36' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.38 cfs of 3.03 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.38 cfs @ 1.09 fps)

Pond 2P: Bioretention Basin



Summary for Pond 3P: Bioretention Basin

Inflow Area = 0.084 ac, 0.00% Impervious, Inflow Depth = 3.59" for 10-year+ event
Inflow = 0.36 cfs @ 12.07 hrs, Volume= 0.025 af
Outflow = 0.28 cfs @ 12.14 hrs, Volume= 0.025 af, Atten= 23%, Lag= 3.7 min
Discarded = 0.01 cfs @ 12.14 hrs, Volume= 0.007 af
Primary = 0.27 cfs @ 12.14 hrs, Volume= 0.018 af
Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 78.01' @ 12.14 hrs Surf.Area= 185 sf Storage= 65 cf

Plug-Flow detention time= 8.0 min calculated for 0.025 af (100% of inflow)
Center-of-Mass det. time= 8.0 min (822.7 - 814.7)

Volume	Invert	Avail.Storage	Storage Description
#1	77.50'	181 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
77.50	70	56.2	0	0	70
77.90	163	68.7	45	45	197
78.50	296	80.0	136	181	338

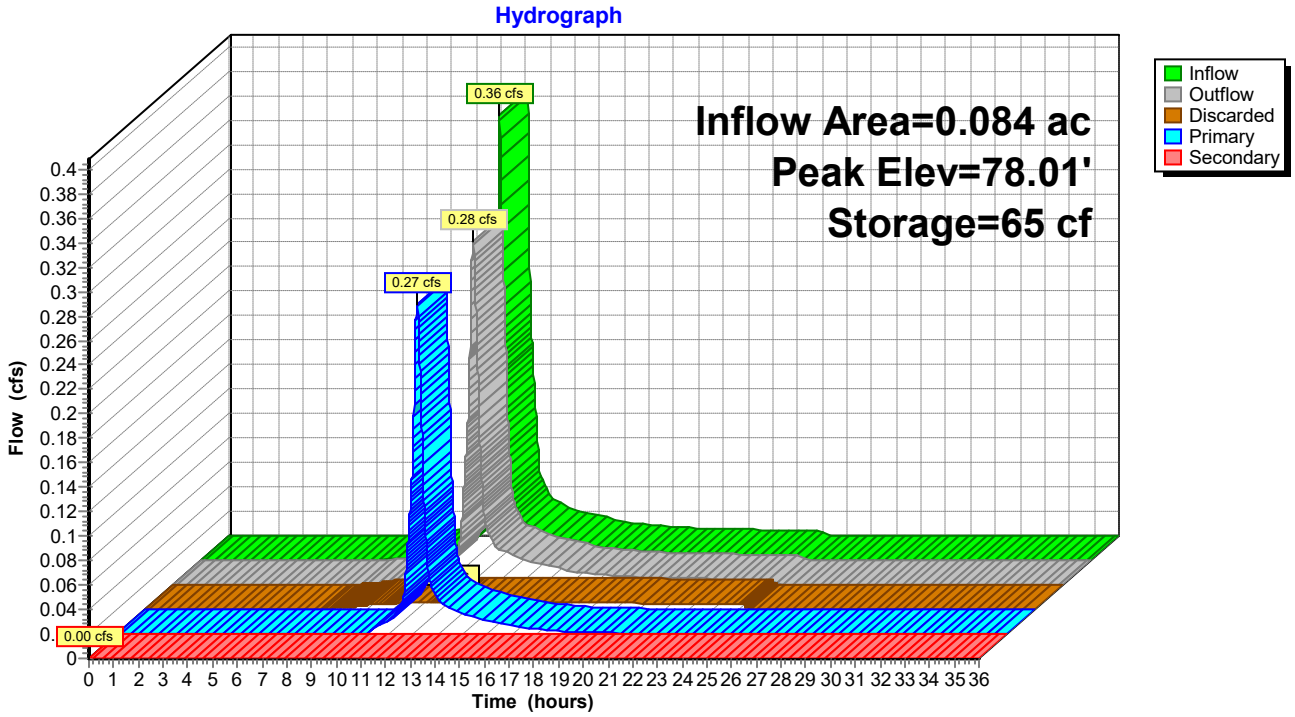
Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	77.60'	**4.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	78.25'	**12.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	78.40'	**10.0' long x 5.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#5	Discarded	77.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.14 hrs HW=78.01' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.27 cfs @ 12.14 hrs HW=78.01' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.27 cfs of 5.73 cfs potential flow)
  ├**2=Orifice/Grate** (Orifice Controls 0.27 cfs @ 3.09 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=77.50' (Free Discharge)
└**4=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 3P: Bioretention Basin

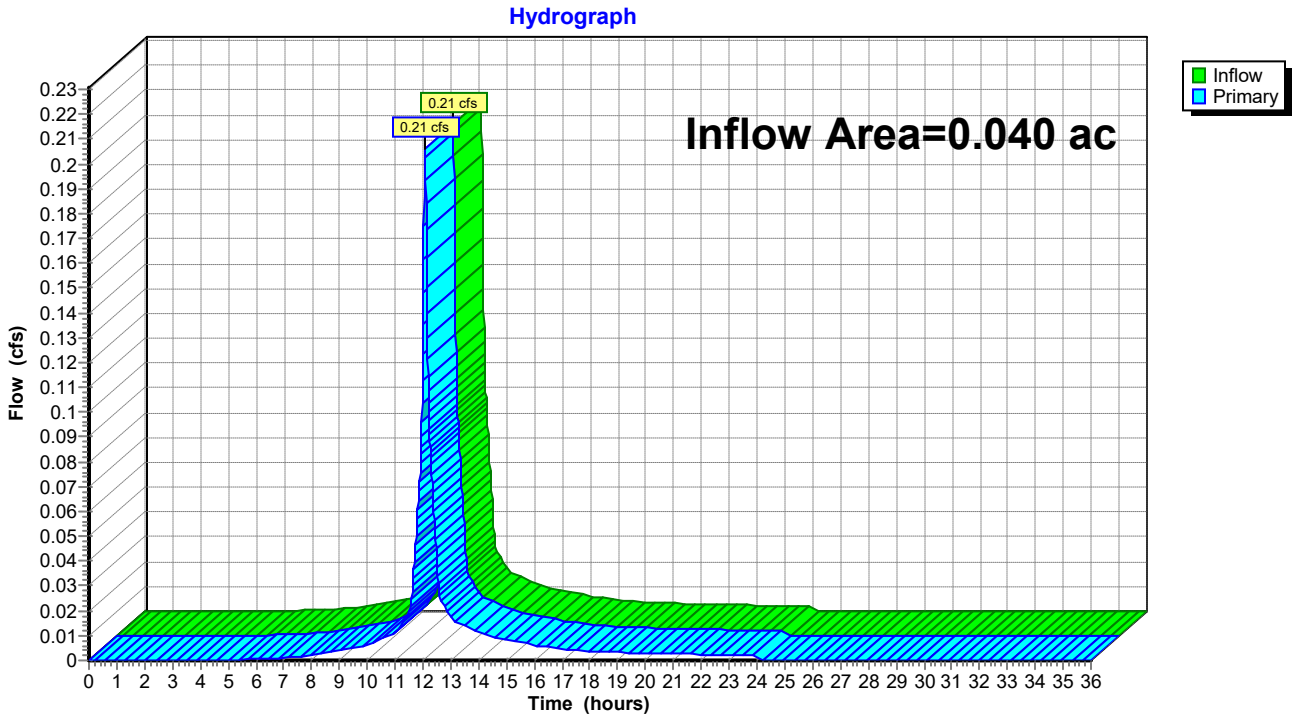


Summary for Link DP-1: Dudley Street

Inflow Area = 0.040 ac, 36.28% Impervious, Inflow Depth = 4.32" for 10-year+ event
Inflow = 0.21 cfs @ 12.07 hrs, Volume= 0.015 af
Primary = 0.21 cfs @ 12.07 hrs, Volume= 0.015 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

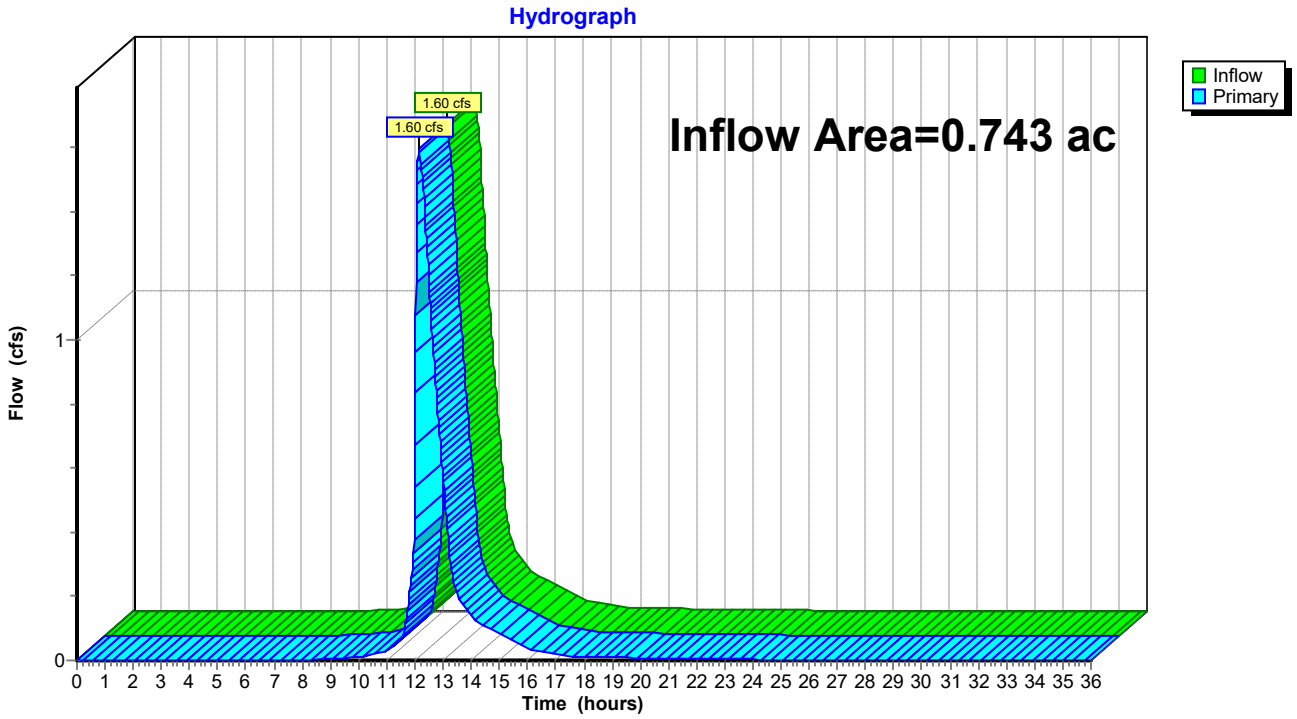


Summary for Link DP-2: Mill Brook

Inflow Area = 0.743 ac, 74.86% Impervious, Inflow Depth = 2.38" for 10-year+ event
Inflow = 1.60 cfs @ 12.13 hrs, Volume= 0.147 af
Primary = 1.60 cfs @ 12.13 hrs, Volume= 0.147 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



25-Year Storm Event – Proposed

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment PR-1: Roof Runoff Area=0.480 ac 100.00% Impervious Runoff Depth=7.25"
Tc=5.0 min CN=98 Runoff=3.66 cfs 0.290 af

Subcatchment PR-2a: Subcat PR-2a Runoff Area=0.084 ac 0.00% Impervious Runoff Depth=5.15"
Tc=5.0 min CN=80 Runoff=0.52 cfs 0.036 af

Subcatchment PR-2b: Subcat PR-2b Runoff Area=0.105 ac 1.89% Impervious Runoff Depth=5.15"
Tc=5.0 min CN=80 Runoff=0.65 cfs 0.045 af

Subcatchment PR-3: Pavement Runoff Area=0.006 ac 100.00% Impervious Runoff Depth=7.25"
Tc=5.0 min CN=98 Runoff=0.05 cfs 0.004 af

Subcatchment PR-4: Pavement Runoff Area=0.068 ac 100.00% Impervious Runoff Depth=7.25"
Tc=5.0 min CN=98 Runoff=0.51 cfs 0.041 af

Subcatchment PR-5: Front of Site Runoff Area=0.040 ac 36.28% Impervious Runoff Depth=5.95"
Tc=5.0 min CN=87 Runoff=0.28 cfs 0.020 af

Pond 1P: Underground Detention MC 4500 Peak Elev=74.29' Storage=4,356 cf Inflow=4.19 cfs 0.319 af
Discarded=0.07 cfs 0.159 af Primary=2.23 cfs 0.160 af Outflow=2.31 cfs 0.319 af

Pond 2P: Bioretention Basin Peak Elev=76.38' Storage=94 cf Inflow=0.51 cfs 0.041 af
Discarded=0.01 cfs 0.015 af Primary=0.49 cfs 0.025 af Outflow=0.51 cfs 0.041 af

Pond 3P: Bioretention Basin Peak Elev=78.26' Storage=117 cf Inflow=0.52 cfs 0.036 af
Discarded=0.01 cfs 0.008 af Primary=0.34 cfs 0.028 af Secondary=0.00 cfs 0.000 af Outflow=0.36 cfs 0.036 af

Link DP-1: Dudley Street Inflow=0.28 cfs 0.020 af
Primary=0.28 cfs 0.020 af

Link DP-2: Mill Brook Inflow=2.98 cfs 0.234 af
Primary=2.98 cfs 0.234 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.436 af Average Runoff Depth = 6.68"
27.13% Pervious = 0.212 ac 72.87% Impervious = 0.571 ac

Summary for Subcatchment PR-1: Roof

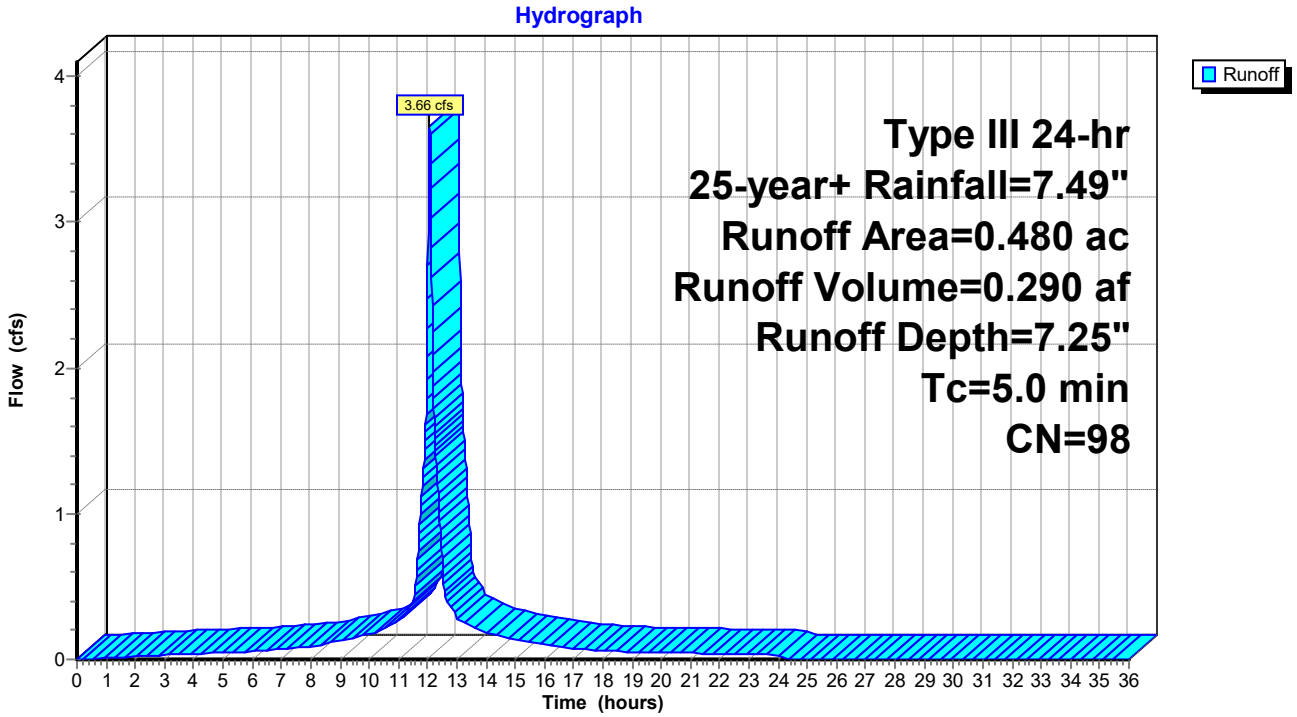
Runoff = 3.66 cfs @ 12.07 hrs, Volume= 0.290 af, Depth= 7.25"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.480	98	Roofs, HSG D
0.480		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2a: Subcat PR-2a

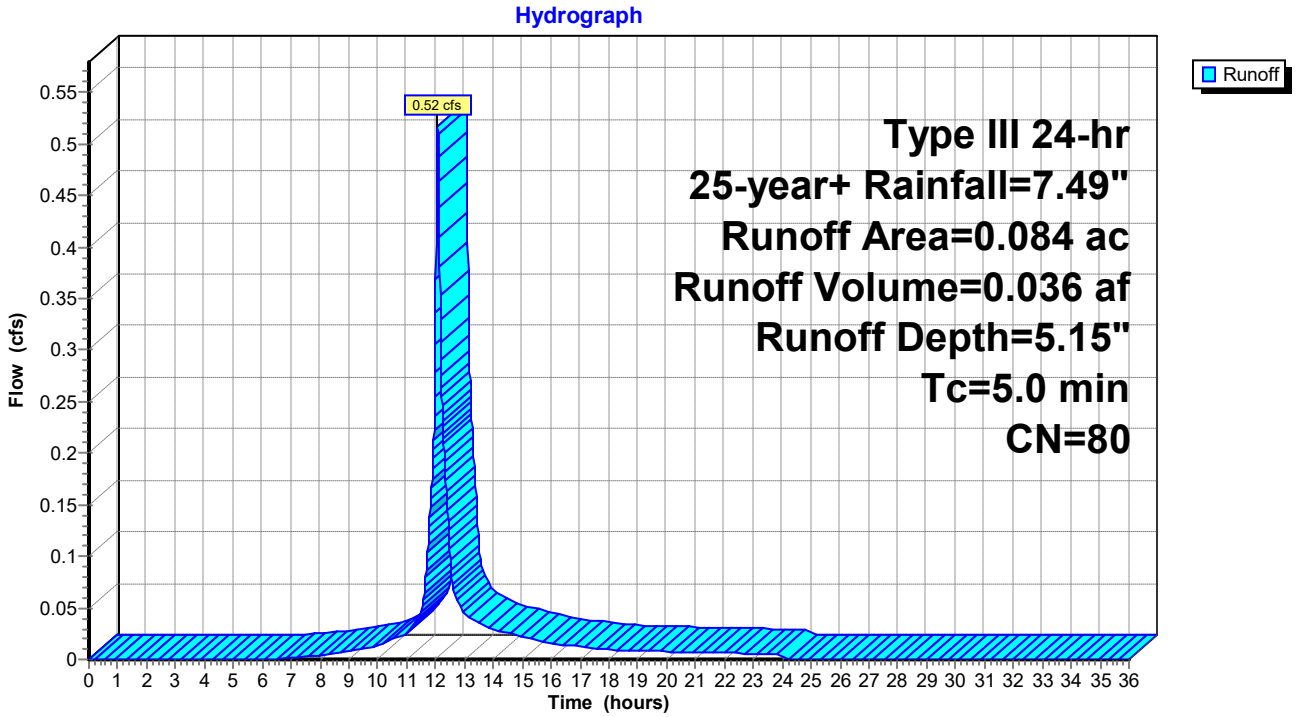
Runoff = 0.52 cfs @ 12.07 hrs, Volume= 0.036 af, Depth= 5.15"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.084	80	>75% Grass cover, Good, HSG D
0.084		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2a: Subcat PR-2a



Summary for Subcatchment PR-2b: Subcat PR-2b

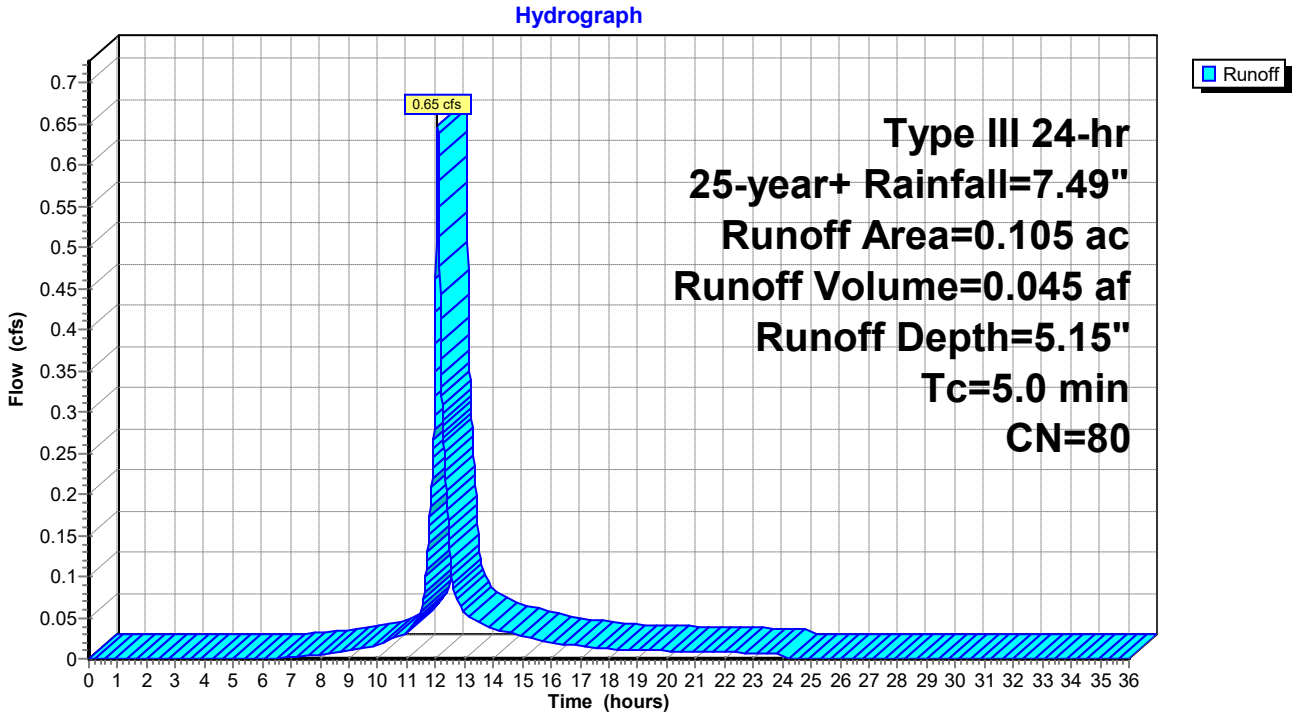
Runoff = 0.65 cfs @ 12.07 hrs, Volume= 0.045 af, Depth= 5.15"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.103	80	>75% Grass cover, Good, HSG D
0.002	98	Paved parking, HSG D
0.105	80	Weighted Average
0.103		98.11% Pervious Area
0.002		1.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2b: Subcat PR-2b



Summary for Subcatchment PR-3: Pavement

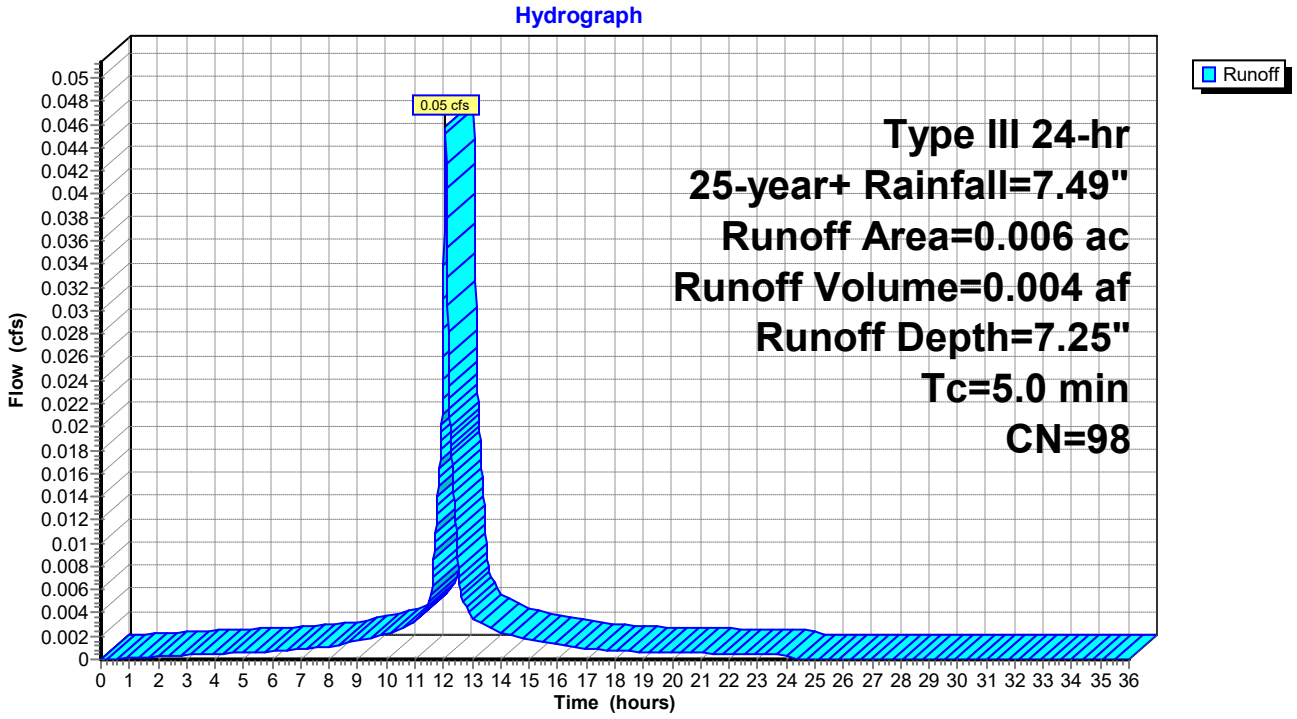
Runoff = 0.05 cfs @ 12.07 hrs, Volume= 0.004 af, Depth= 7.25"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.006	98	Paved parking, HSG D
0.006		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

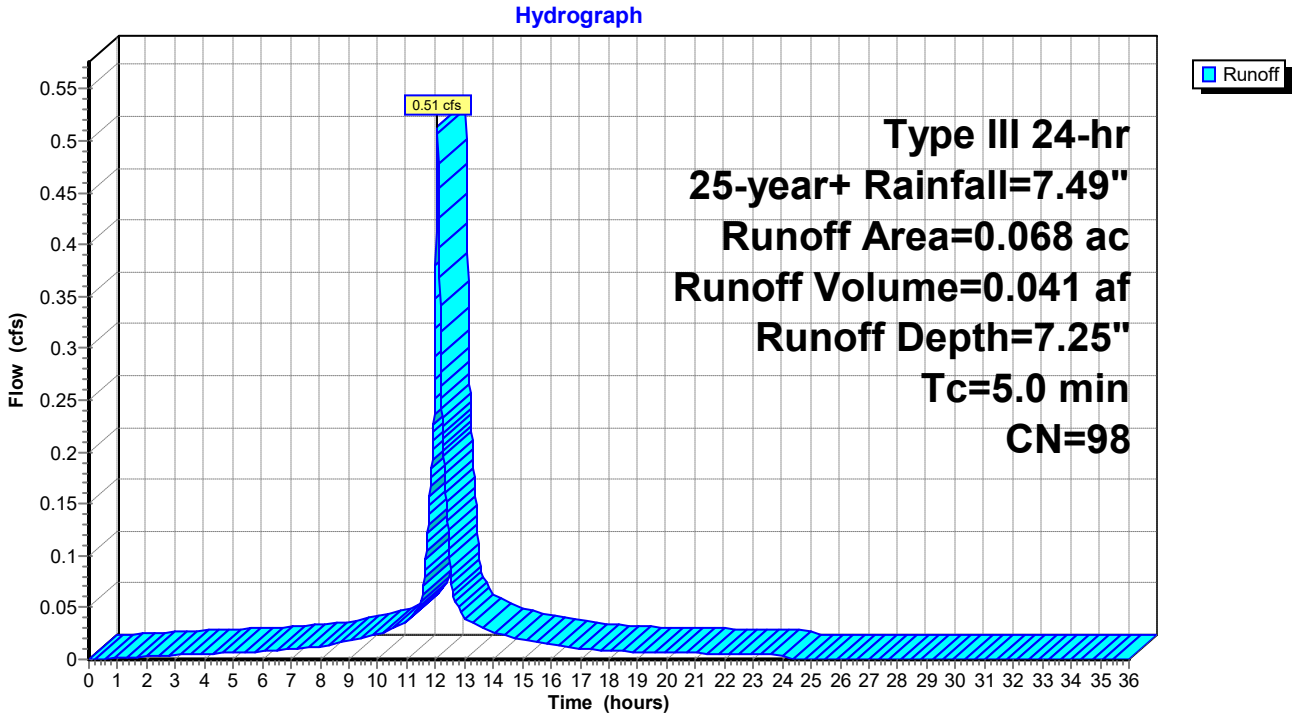
Runoff = 0.51 cfs @ 12.07 hrs, Volume= 0.041 af, Depth= 7.25"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.068	98	Paved parking, HSG D
0.068		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

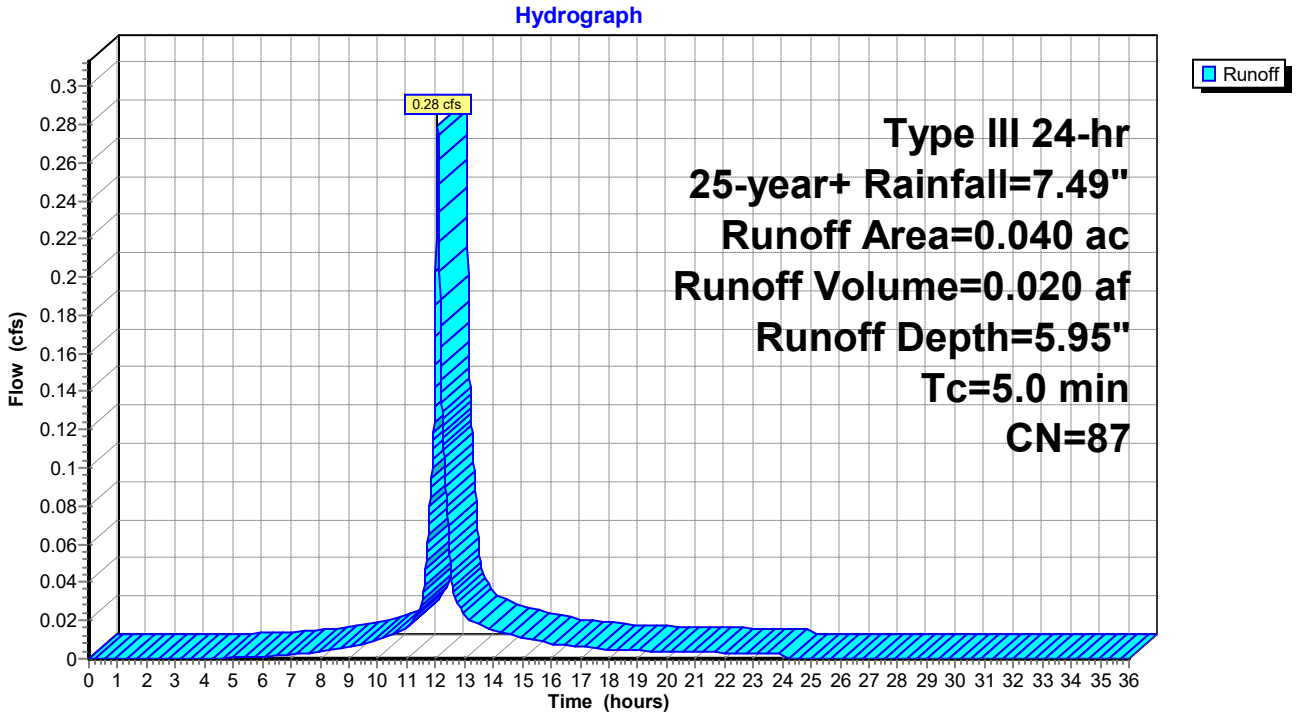
Runoff = 0.28 cfs @ 12.07 hrs, Volume= 0.020 af, Depth= 5.95"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year+ Rainfall=7.49"

Area (ac)	CN	Description
0.026	80	>75% Grass cover, Good, HSG D
0.015	98	Paved parking, HSG D
0.040	87	Weighted Average
0.026		63.72% Pervious Area
0.015		36.28% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

Inflow Area = 0.554 ac,100.00% Impervious, Inflow Depth = 6.92" for 25-year+ event
Inflow = 4.19 cfs @ 12.07 hrs, Volume= 0.319 af
Outflow = 2.31 cfs @ 12.18 hrs, Volume= 0.319 af, Atten= 45%, Lag= 6.5 min
Discarded = 0.07 cfs @ 7.32 hrs, Volume= 0.159 af
Primary = 2.23 cfs @ 12.18 hrs, Volume= 0.160 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 74.29' @ 12.18 hrs Surf.Area= 1,341 sf Storage= 4,356 cf

Plug-Flow detention time= 149.6 min calculated for 0.319 af (100% of inflow)
Center-of-Mass det. time= 149.6 min (889.9 - 740.3)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	2,691 cf	**Custom Stage Data (Irregular)** Listed below 9,387 cf Overall - 2,659 cf Embedded = 6,728 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		5,350 cf	Total Available Storage

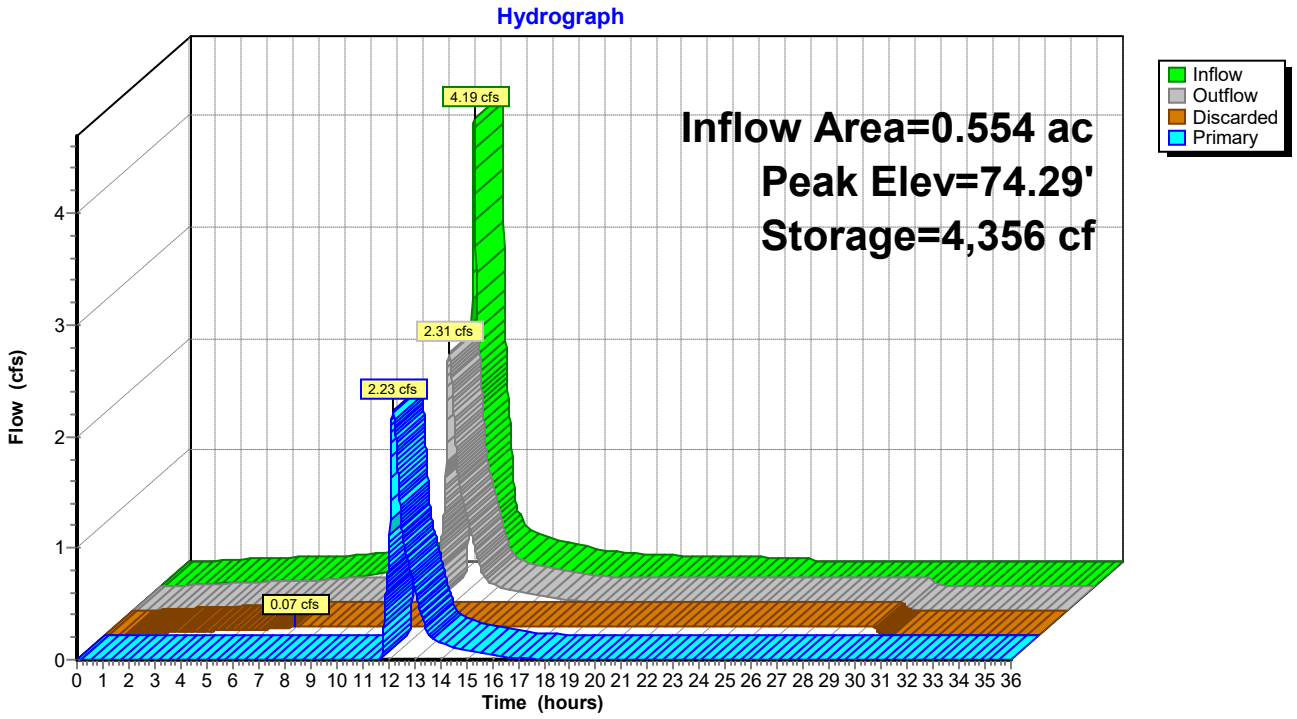
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,341	158.4	0	0	1,341
76.10	1,341	158.4	9,387	9,387	2,450

Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.5" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.40'	**5.5" W x 6.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Device 1	75.90'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.07 cfs @ 7.32 hrs HW=69.17' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.07 cfs)

Primary OutFlow Max=2.23 cfs @ 12.18 hrs HW=74.29' (Free Discharge)
└**1=Culvert** (Passes 2.23 cfs of 5.47 cfs potential flow)
  └**2=Orifice/Grate** (Orifice Controls 1.35 cfs @ 7.50 fps)
  └**3=Orifice/Grate** (Orifice Controls 0.88 cfs @ 3.84 fps)
  └**4=Sharp-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.068 ac,100.00% Impervious, Inflow Depth = 7.25" for 25-year+ event
Inflow = 0.51 cfs @ 12.07 hrs, Volume= 0.041 af
Outflow = 0.51 cfs @ 12.08 hrs, Volume= 0.041 af, Atten= 1%, Lag= 0.7 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.015 af
Primary = 0.49 cfs @ 12.08 hrs, Volume= 0.025 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.38' @ 12.08 hrs Surf.Area= 244 sf Storage= 94 cf

Plug-Flow detention time= 39.3 min calculated for 0.041 af (100% of inflow)
Center-of-Mass det. time= 39.3 min (780.4 - 741.1)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

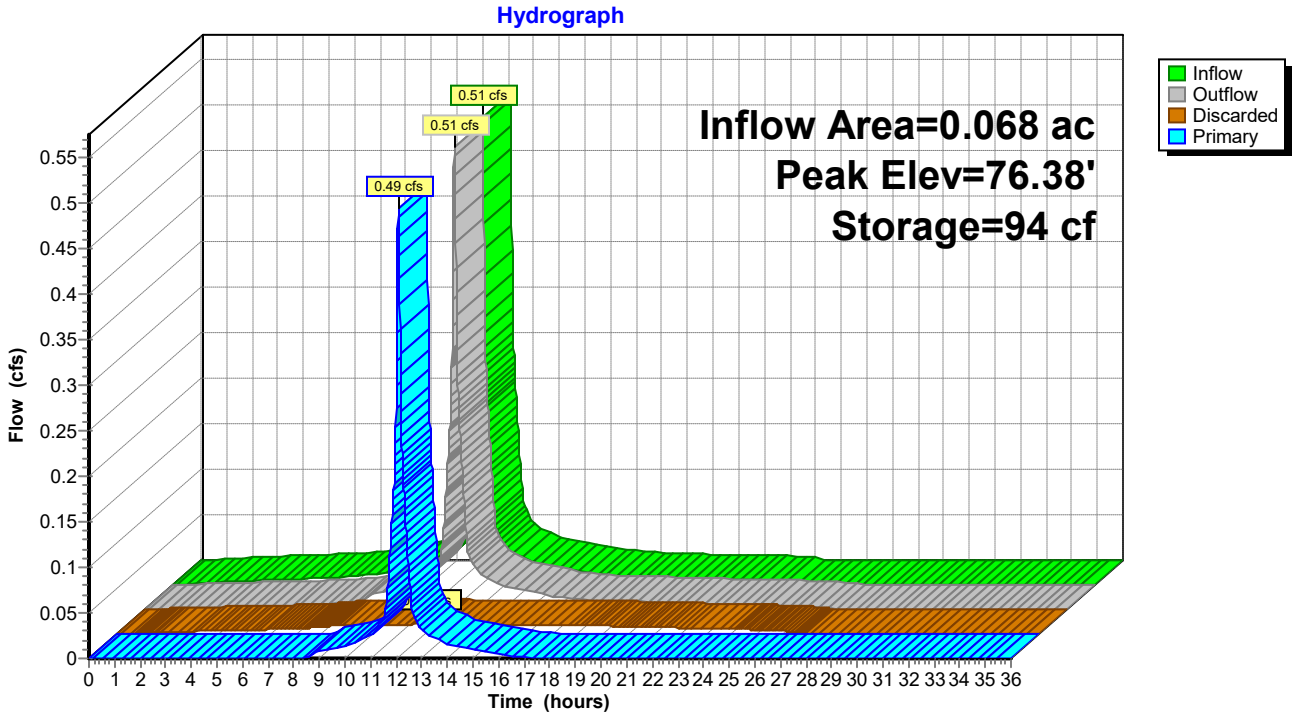
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.38' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.49 cfs @ 12.08 hrs HW=76.38' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.49 cfs of 3.08 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.49 cfs @ 1.19 fps)

Pond 2P: Bioretention Basin



Summary for Pond 3P: Bioretention Basin

Inflow Area = 0.084 ac, 0.00% Impervious, Inflow Depth = 5.15" for 25-year+ event
Inflow = 0.52 cfs @ 12.07 hrs, Volume= 0.036 af
Outflow = 0.36 cfs @ 12.15 hrs, Volume= 0.036 af, Atten= 31%, Lag= 4.6 min
Discarded = 0.01 cfs @ 12.15 hrs, Volume= 0.008 af
Primary = 0.34 cfs @ 12.15 hrs, Volume= 0.028 af
Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 78.26' @ 12.15 hrs Surf.Area= 238 sf Storage= 117 cf

Plug-Flow detention time= 7.2 min calculated for 0.036 af (100% of inflow)
Center-of-Mass det. time= 7.2 min (811.6 - 804.5)

Volume	Invert	Avail.Storage	Storage Description
#1	77.50'	181 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
77.50	70	56.2	0	0	70
77.90	163	68.7	45	45	197
78.50	296	80.0	136	181	338

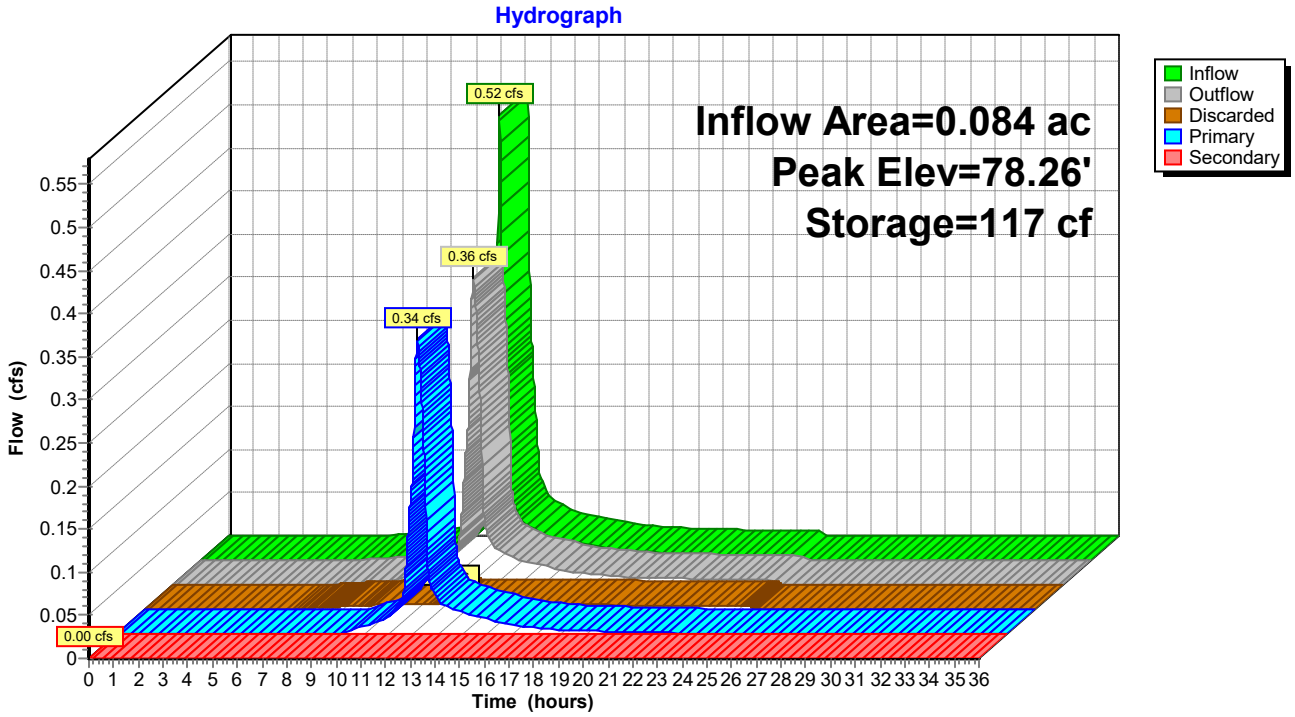
Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	77.60'	**4.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	78.25'	**12.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	78.40'	**10.0' long x 5.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#5	Discarded	77.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.15 hrs HW=78.26' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.34 cfs @ 12.15 hrs HW=78.26' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.34 cfs of 6.03 cfs potential flow)
  ├**2=Orifice/Grate** (Orifice Controls 0.34 cfs @ 3.91 fps)
  └**3=Orifice/Grate** (Orifice Controls 0.00 cfs @ 0.33 fps)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=77.50' (Free Discharge)
└**4=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 3P: Bioretention Basin

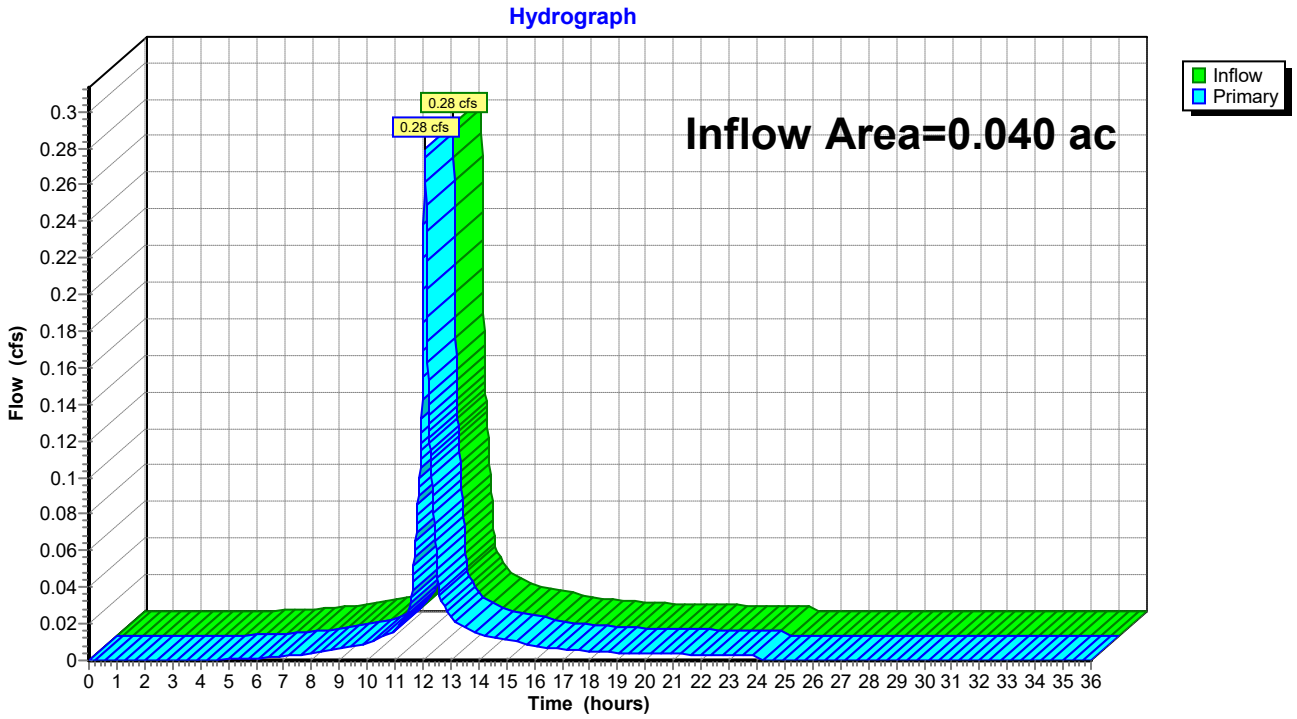


Summary for Link DP-1: Dudley Street

Inflow Area = 0.040 ac, 36.28% Impervious, Inflow Depth = 5.95" for 25-year+ event
Inflow = 0.28 cfs @ 12.07 hrs, Volume= 0.020 af
Primary = 0.28 cfs @ 12.07 hrs, Volume= 0.020 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

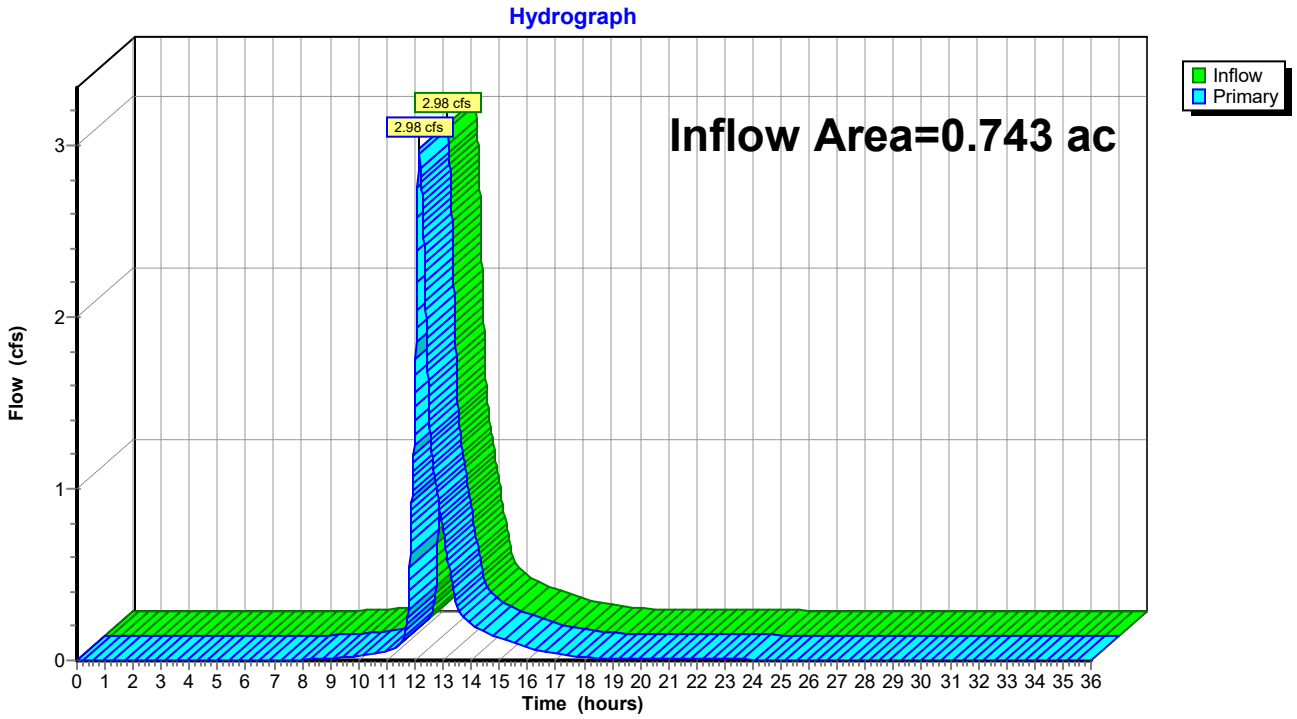


Summary for Link DP-2: Mill Brook

Inflow Area = 0.743 ac, 74.86% Impervious, Inflow Depth = 3.78" for 25-year+ event
Inflow = 2.98 cfs @ 12.15 hrs, Volume= 0.234 af
Primary = 2.98 cfs @ 12.15 hrs, Volume= 0.234 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



100-Year Storm Event – Proposed

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment PR-1: Roof Runoff Area=0.480 ac 100.00% Impervious Runoff Depth=10.11"
Tc=5.0 min CN=98 Runoff=5.06 cfs 0.405 af

Subcatchment PR-2a: Subcat PR-2a Runoff Area=0.084 ac 0.00% Impervious Runoff Depth=7.86"
Tc=5.0 min CN=80 Runoff=0.78 cfs 0.055 af

Subcatchment PR-2b: Subcat PR-2b Runoff Area=0.105 ac 1.89% Impervious Runoff Depth=7.86"
Tc=5.0 min CN=80 Runoff=0.97 cfs 0.069 af

Subcatchment PR-3: Pavement Runoff Area=0.006 ac 100.00% Impervious Runoff Depth=10.11"
Tc=5.0 min CN=98 Runoff=0.06 cfs 0.005 af

Subcatchment PR-4: Pavement Runoff Area=0.068 ac 100.00% Impervious Runoff Depth=10.11"
Tc=5.0 min CN=98 Runoff=0.71 cfs 0.057 af

Subcatchment PR-5: Front of Site Runoff Area=0.040 ac 36.28% Impervious Runoff Depth=8.75"
Tc=5.0 min CN=87 Runoff=0.40 cfs 0.029 af

Pond 1P: Underground Detention MC 4500 Peak Elev=75.92' Storage=5,252 cf Inflow=5.81 cfs 0.449 af
Discarded=0.07 cfs 0.176 af Primary=3.46 cfs 0.273 af Outflow=3.54 cfs 0.449 af

Pond 2P: Bioretention Basin Peak Elev=76.41' Storage=103 cf Inflow=0.71 cfs 0.057 af
Discarded=0.01 cfs 0.018 af Primary=0.69 cfs 0.039 af Outflow=0.70 cfs 0.057 af

Pond 3P: Bioretention Basin Peak Elev=78.44' Storage=164 cf Inflow=0.78 cfs 0.055 af
Discarded=0.02 cfs 0.008 af Primary=0.54 cfs 0.045 af Secondary=0.19 cfs 0.001 af Outflow=0.74 cfs 0.055 af

Link DP-1: Dudley Street Inflow=0.40 cfs 0.029 af
Primary=0.40 cfs 0.029 af

Link DP-2: Mill Brook Inflow=4.79 cfs 0.388 af
Primary=4.79 cfs 0.388 af

Total Runoff Area = 0.783 ac Runoff Volume = 0.620 af Average Runoff Depth = 9.50"
27.13% Pervious = 0.212 ac 72.87% Impervious = 0.571 ac

Summary for Subcatchment PR-1: Roof

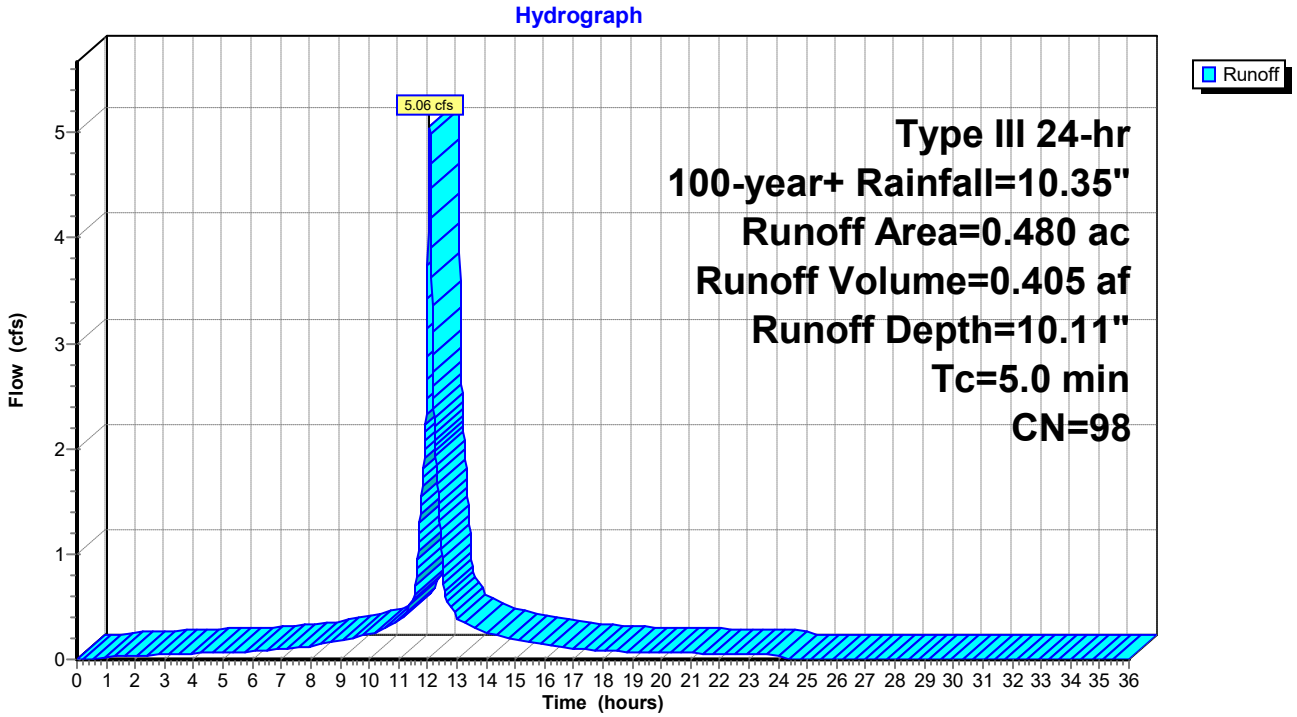
Runoff = 5.06 cfs @ 12.07 hrs, Volume= 0.405 af, Depth=10.11"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.480	98	Roofs, HSG D
0.480		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2a: Subcat PR-2a

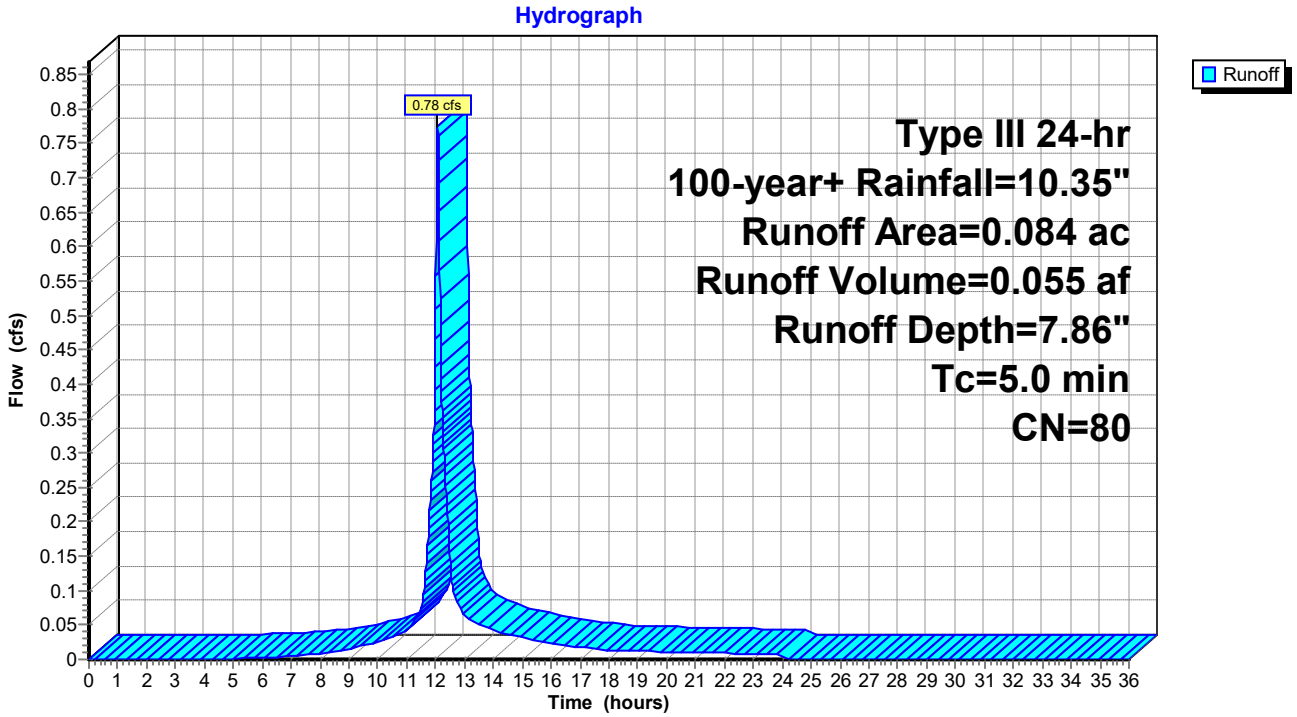
Runoff = 0.78 cfs @ 12.07 hrs, Volume= 0.055 af, Depth= 7.86"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.084	80	>75% Grass cover, Good, HSG D
0.084		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2a: Subcat PR-2a



Summary for Subcatchment PR-2b: Subcat PR-2b

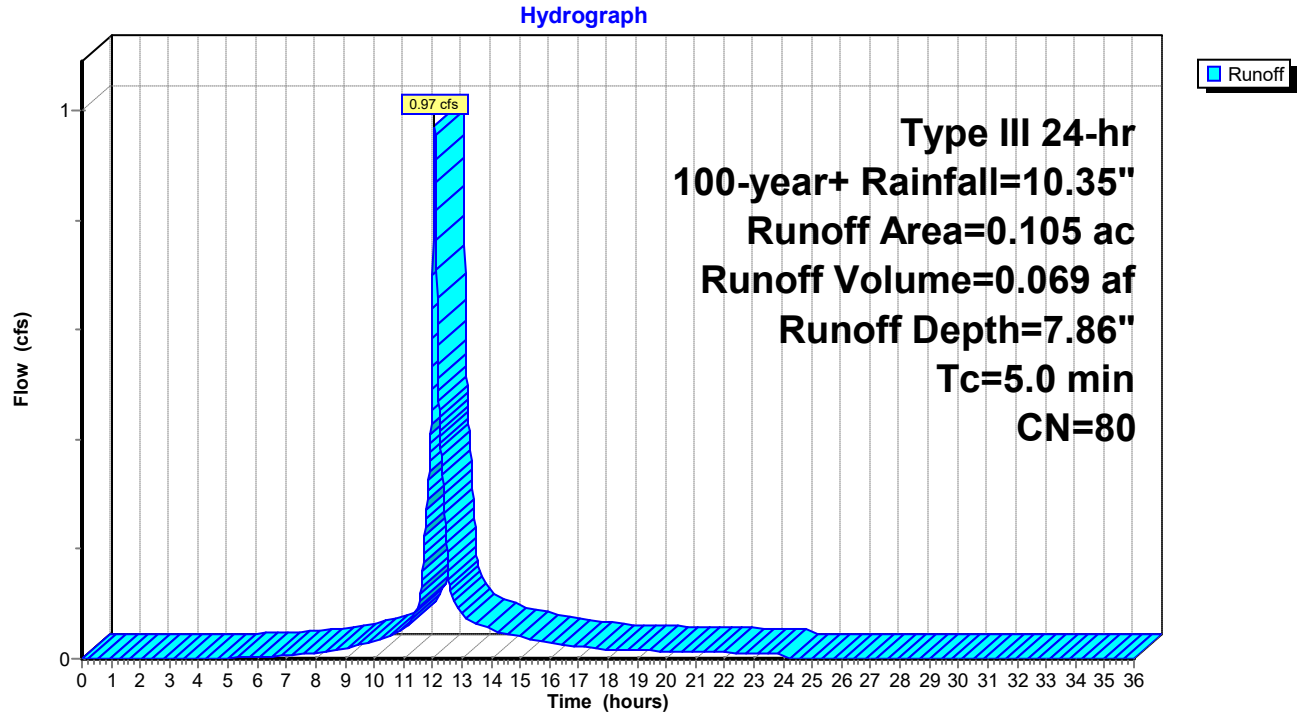
Runoff = 0.97 cfs @ 12.07 hrs, Volume= 0.069 af, Depth= 7.86"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.103	80	>75% Grass cover, Good, HSG D
0.002	98	Paved parking, HSG D
0.105	80	Weighted Average
0.103		98.11% Pervious Area
0.002		1.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2b: Subcat PR-2b



Summary for Subcatchment PR-3: Pavement

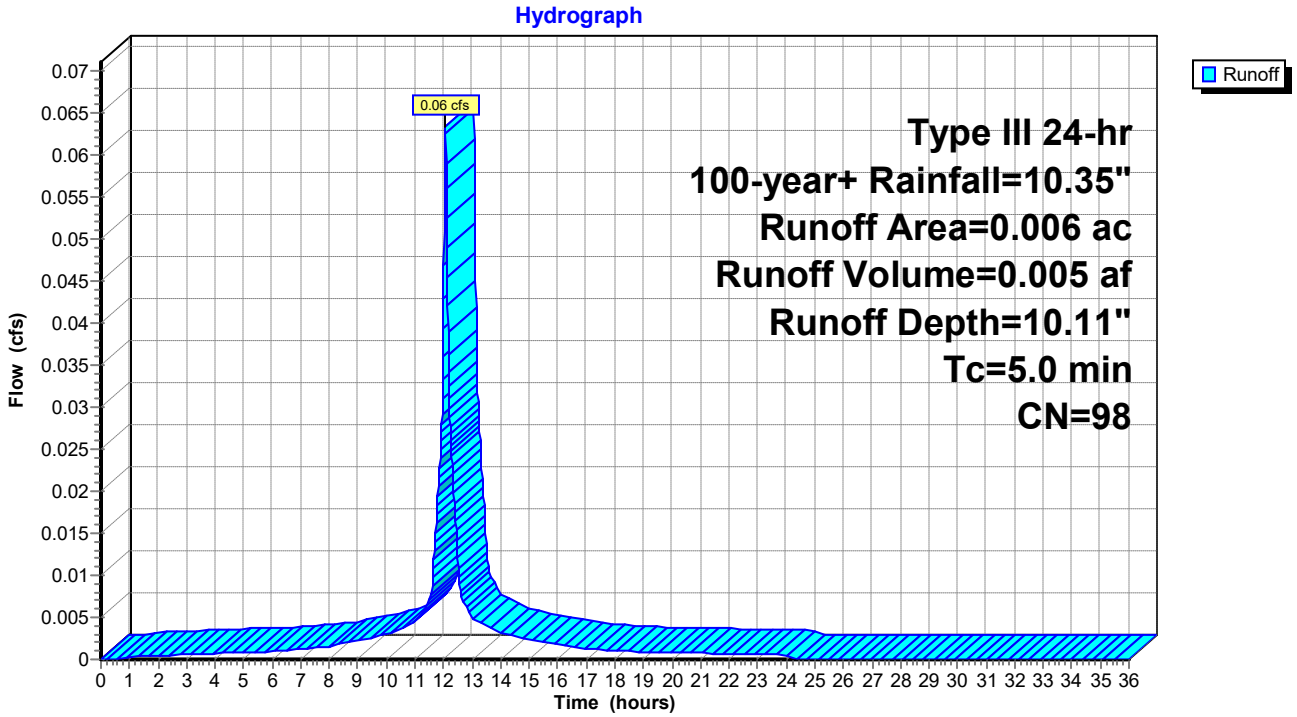
Runoff = 0.06 cfs @ 12.07 hrs, Volume= 0.005 af, Depth=10.11"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.006	98	Paved parking, HSG D
0.006		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

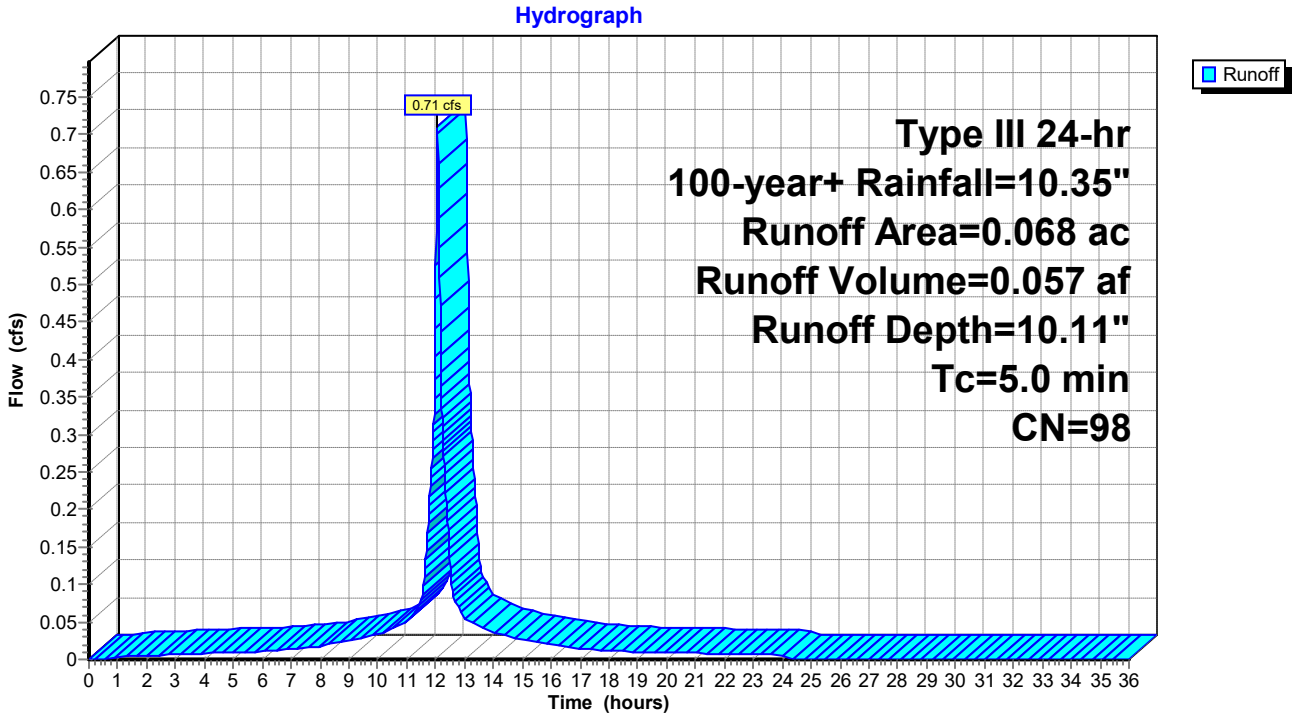
Runoff = 0.71 cfs @ 12.07 hrs, Volume= 0.057 af, Depth=10.11"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.068	98	Paved parking, HSG D
0.068		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

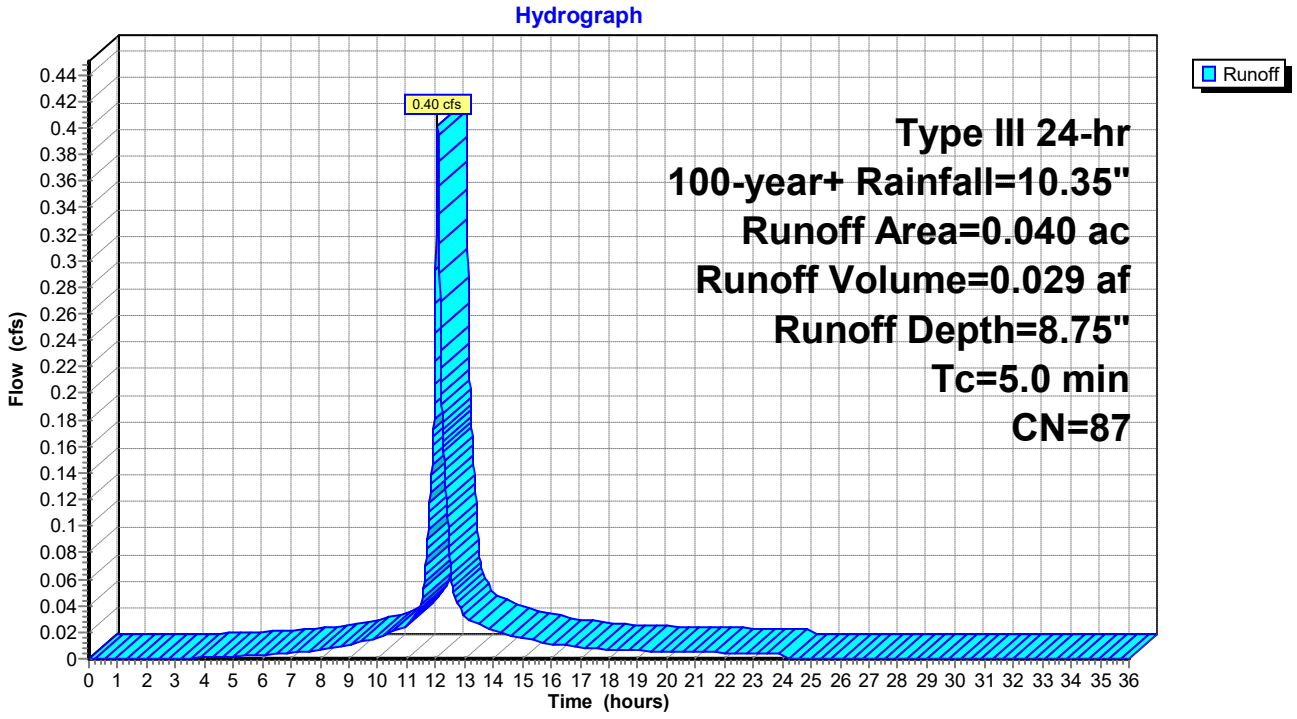
Runoff = 0.40 cfs @ 12.07 hrs, Volume= 0.029 af, Depth= 8.75"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year+ Rainfall=10.35"

Area (ac)	CN	Description
0.026	80	>75% Grass cover, Good, HSG D
0.015	98	Paved parking, HSG D
0.040	87	Weighted Average
0.026		63.72% Pervious Area
0.015		36.28% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

[79] Warning: Submerged Pond 2P Primary device # 1 INLET by 3.92'

Inflow Area = 0.554 ac,100.00% Impervious, Inflow Depth = 9.73" for 100-year+ event
Inflow = 5.81 cfs @ 12.07 hrs, Volume= 0.449 af
Outflow = 3.54 cfs @ 12.16 hrs, Volume= 0.449 af, Atten= 39%, Lag= 5.5 min
Discarded = 0.07 cfs @ 5.93 hrs, Volume= 0.176 af
Primary = 3.46 cfs @ 12.16 hrs, Volume= 0.273 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 75.92' @ 12.16 hrs Surf.Area= 1,341 sf Storage= 5,252 cf

Plug-Flow detention time= 128.4 min calculated for 0.449 af (100% of inflow)
Center-of-Mass det. time= 128.4 min (865.0 - 736.7)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	2,691 cf	**Custom Stage Data (Irregular)** Listed below 9,387 cf Overall - 2,659 cf Embedded = 6,728 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		5,350 cf	Total Available Storage

Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,341	158.4	0	0	1,341
76.10	1,341	158.4	9,387	9,387	2,450

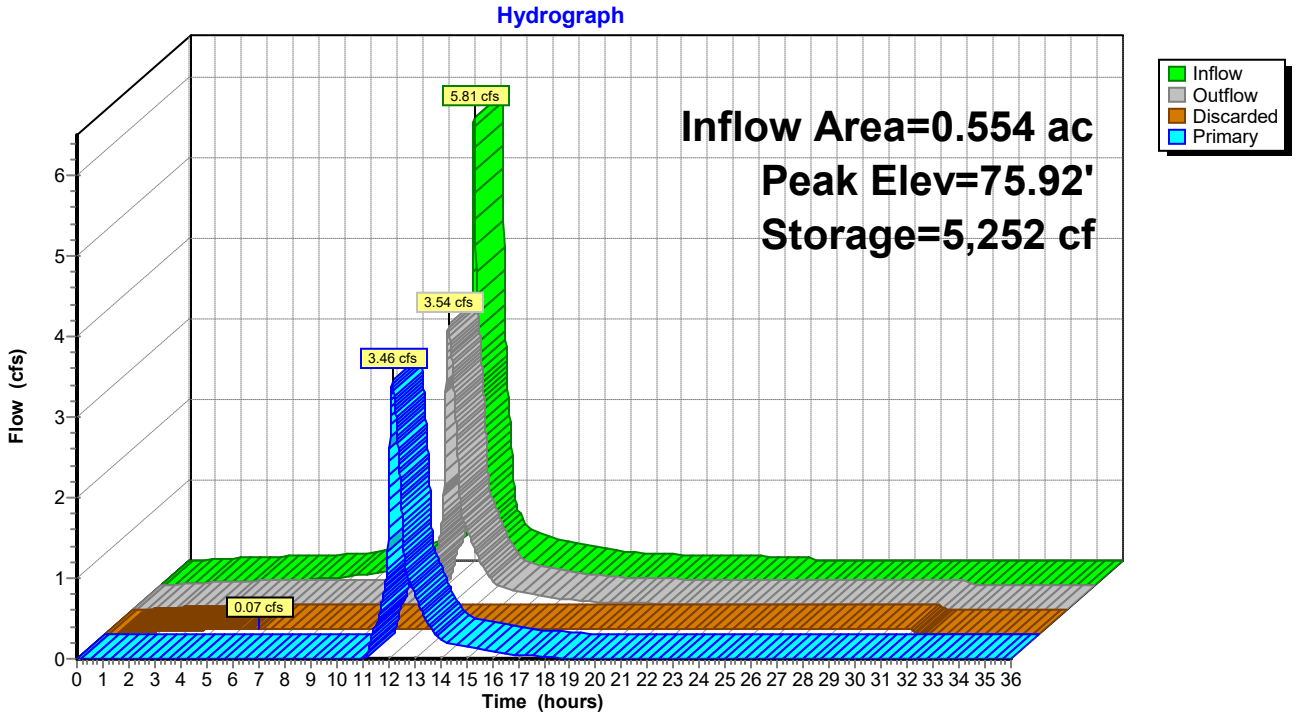
Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.5" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.40'	**5.5" W x 6.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads

#4	Device 1	75.90'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.07 cfs @ 5.93 hrs HW=69.17' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.07 cfs)

Primary OutFlow Max=3.43 cfs @ 12.16 hrs HW=75.91' (Free Discharge)
└**1=Culvert** (Passes 3.43 cfs of 7.29 cfs potential flow)
  └**2=Orifice/Grate** (Orifice Controls 1.75 cfs @ 9.69 fps)
  └**3=Orifice/Grate** (Orifice Controls 1.66 cfs @ 7.24 fps)
  └**4=Sharp-Crested Rectangular Weir** (Weir Controls 0.02 cfs @ 0.40 fps)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.068 ac,100.00% Impervious, Inflow Depth = 10.11" for 100-year+ event
Inflow = 0.71 cfs @ 12.07 hrs, Volume= 0.057 af
Outflow = 0.70 cfs @ 12.08 hrs, Volume= 0.057 af, Atten= 1%, Lag= 0.7 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.018 af
Primary = 0.69 cfs @ 12.08 hrs, Volume= 0.039 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.41' @ 12.08 hrs Surf.Area= 262 sf Storage= 103 cf

Plug-Flow detention time= 33.3 min calculated for 0.057 af (100% of inflow)
Center-of-Mass det. time= 33.4 min (770.7 - 737.3)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

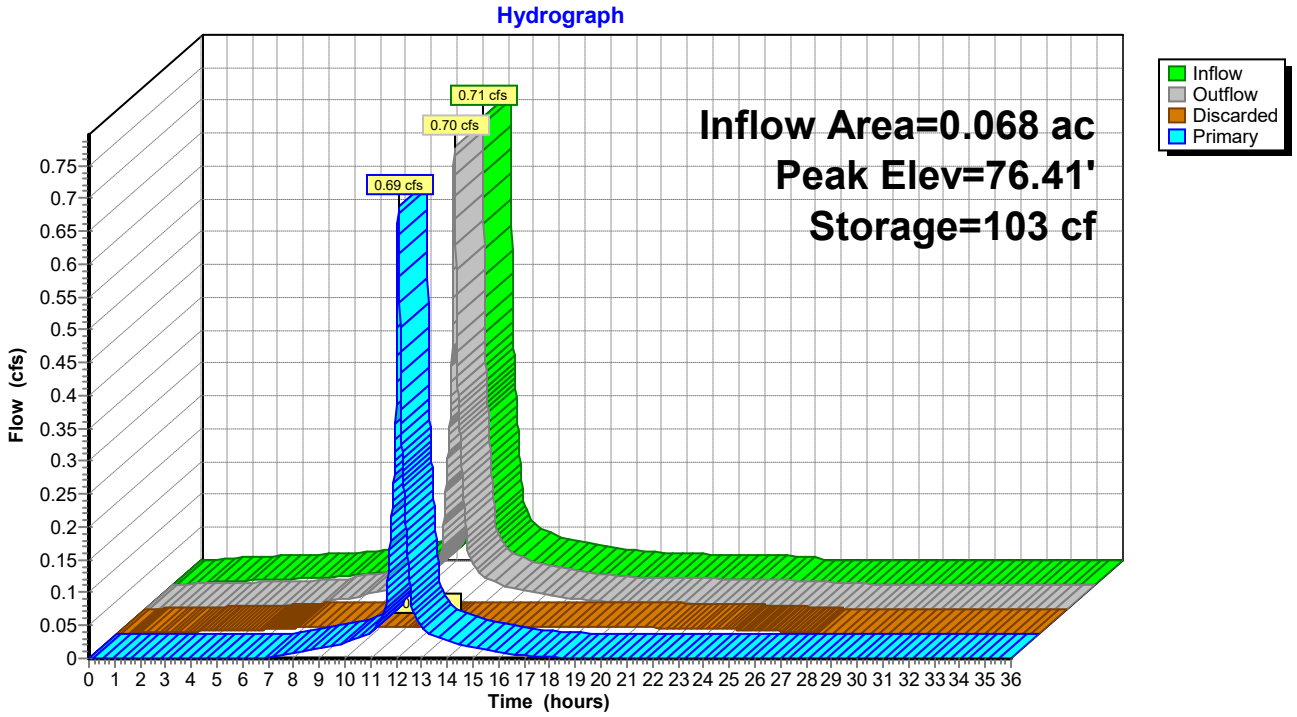
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.41' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.69 cfs @ 12.08 hrs HW=76.41' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.69 cfs of 3.15 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.69 cfs @ 1.33 fps)

Pond 2P: Bioretention Basin



Summary for Pond 3P: Bioretention Basin

Inflow Area = 0.084 ac, 0.00% Impervious, Inflow Depth = 7.86" for 100-year+ event
Inflow = 0.78 cfs @ 12.07 hrs, Volume= 0.055 af
Outflow = 0.74 cfs @ 12.10 hrs, Volume= 0.055 af, Atten= 5%, Lag= 1.5 min
Discarded = 0.02 cfs @ 12.10 hrs, Volume= 0.008 af
Primary = 0.54 cfs @ 12.10 hrs, Volume= 0.045 af
Secondary = 0.19 cfs @ 12.10 hrs, Volume= 0.001 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 78.44' @ 12.10 hrs Surf.Area= 281 sf Storage= 164 cf

Plug-Flow detention time= 6.1 min calculated for 0.055 af (100% of inflow)
Center-of-Mass det. time= 6.1 min (798.7 - 792.7)

Volume	Invert	Avail.Storage	Storage Description
#1	77.50'	181 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
77.50	70	56.2	0	0	70
77.90	163	68.7	45	45	197
78.50	296	80.0	136	181	338

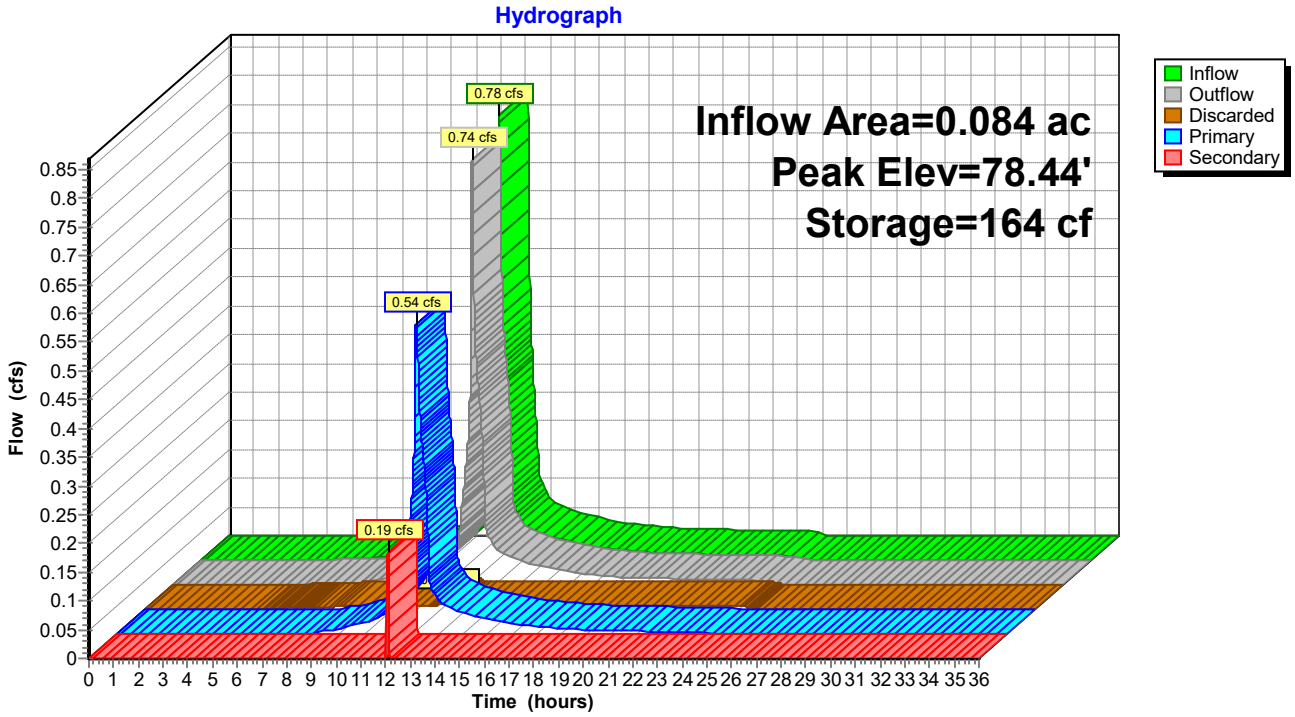
Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	77.60'	**4.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	78.25'	**12.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	78.40'	**10.0' long x 5.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.34 2.50 2.70 2.68 2.68 2.66 2.65 2.65 2.65 2.65 2.67 2.66 2.68 2.70 2.74 2.79 2.88
#5	Discarded	77.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.02 cfs @ 12.10 hrs HW=78.44' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.02 cfs)

Primary OutFlow Max=0.54 cfs @ 12.10 hrs HW=78.44' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.54 cfs of 6.24 cfs potential flow)
  ├**2=Orifice/Grate** (Orifice Controls 0.38 cfs @ 4.41 fps)
  └**3=Orifice/Grate** (Orifice Controls 0.15 cfs @ 1.48 fps)

Secondary OutFlow Max=0.18 cfs @ 12.10 hrs HW=78.44' (Free Discharge)
└**4=Broad-Crested Rectangular Weir** (Weir Controls 0.18 cfs @ 0.46 fps)

Pond 3P: Bioretention Basin

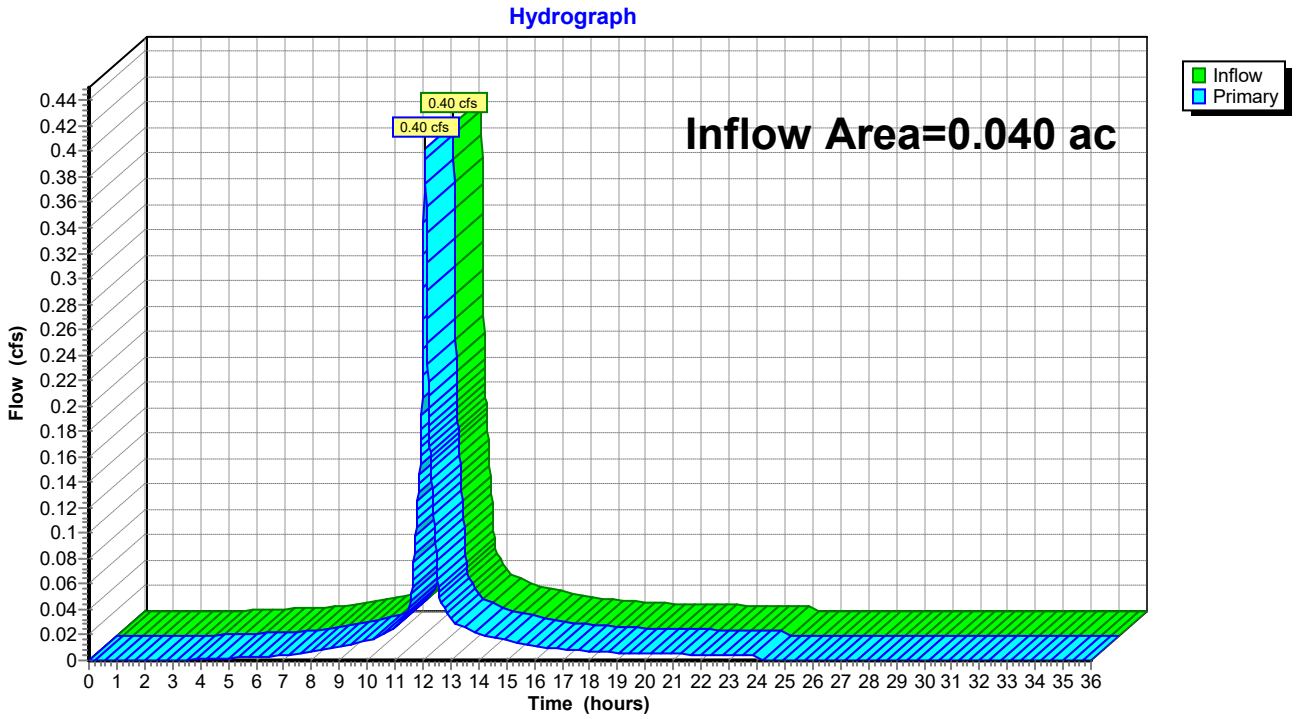


Summary for Link DP-1: Dudley Street

Inflow Area = 0.040 ac, 36.28% Impervious, Inflow Depth = 8.75" for 100-year+ event
Inflow = 0.40 cfs @ 12.07 hrs, Volume= 0.029 af
Primary = 0.40 cfs @ 12.07 hrs, Volume= 0.029 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

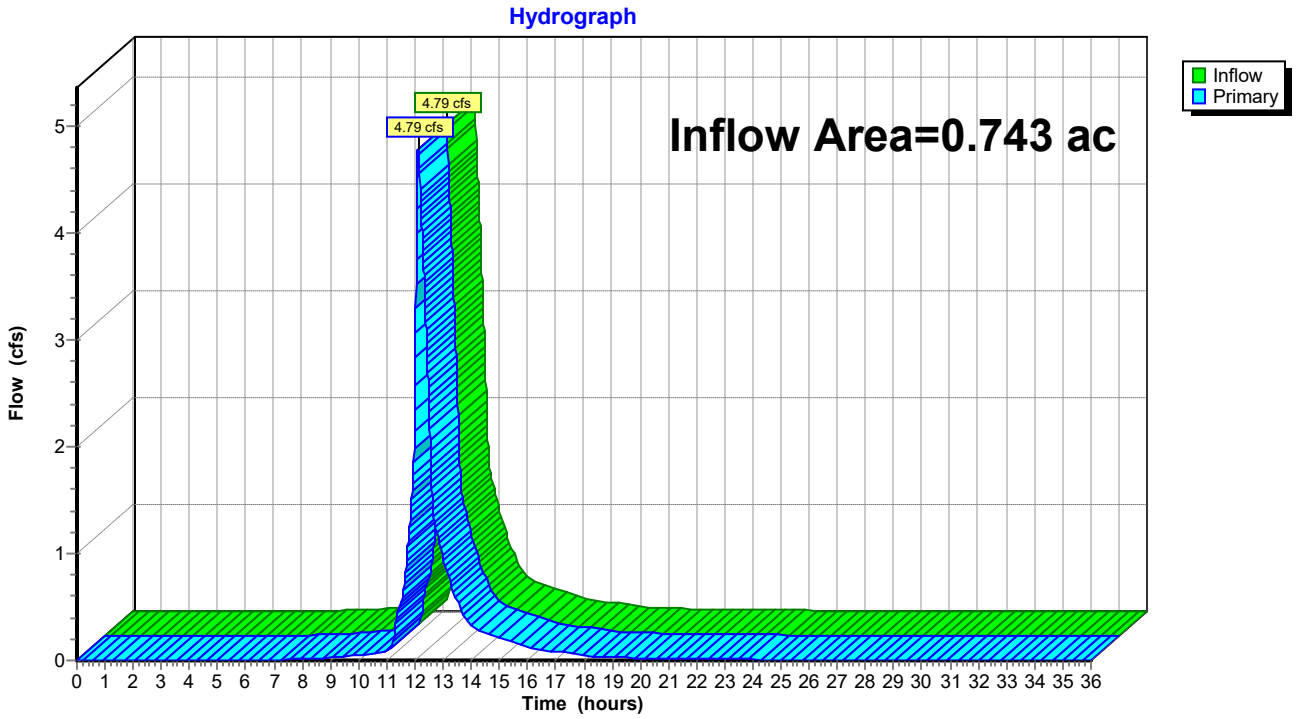


Summary for Link DP-2: Mill Brook

Inflow Area = 0.743 ac, 74.86% Impervious, Inflow Depth = 6.27" for 100-year+ event
Inflow = 4.79 cfs @ 12.11 hrs, Volume= 0.388 af
Primary = 4.79 cfs @ 12.11 hrs, Volume= 0.388 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



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Appendix C: Standard 3 Computations and Supporting Documentation

- Geotechnical Report (GeoEngineers Inc., dated January 28, 2022)
- Recharge Volume Calculations
- 72 hour drawdown analysis

Geotechnical Report

GeoEngineers USA
239 Causeway Street, Suite 105
Boston, Massachusetts 02114
617.749.9214

January 28, 2022

PSI Atlantic Arlington Massachusetts LLC
530 Oak Court Drive, Suite 155
Memphis, Tennessee 38117

Attention: Jay Tillman and Jesse Morgan

Subject: Geotechnical Engineering Letter Report
34 Dudley Street
Arlington, Massachusetts
File No. 25754-001-00

GeoEngineers USA, PC (GeoEngineers) is pleased to provide this geotechnical engineering letter report to PSI Atlantic Arlington MA, LLC (PSI) for the proposed redevelopment for the property located at 34 Dudley Street in Arlington, Massachusetts (Site), as shown on Figure 1, Site Locus Map. This letter report is subject to the limitations attached herein.

SITE AND PROJECT DESCRIPTION

The existing site is comprised of a one to two story autobody shop and glass repair shop with a one-story garage located in the southwestern portion of the site and associated paved parking areas. As shown on Figure 2, Exploration Location Plan, the southern portion of the site slopes down to Mill Brook. GeoEngineers observed that portions of the slope have failed or are in poor condition.

Based on our conversations with you and the concept plans provided by VHB, Inc. (VHB), dated November 3, 2021, we understand the project consists of razing the existing structure to allow for the construction of a 5-story self-storage facility with a footprint of approximately 20,000 square feet and associated parking areas and drive aisles. Based on the grading plan we received on January 25, 2022, we understand the building will have a proposed finished floor elevation (FFE) of elevation (El.) 79 feet and will be constructed at-grade without a basement. The site plans indicate that the upper portion of the slope along Mill Brook will be re-graded as part of the redevelopment. A stormwater infiltration system with a bottom of stone invert of El. 69.1 feet is also proposed in the northwestern portion of the Site, as shown on Figure 2.

Existing grades at the site vary between approximately El. 76 feet at the crest of the southern slope by Mill Brook and approximately El. 81 feet in the upper parking lot in the northern portion of the Site. Ground surface elevations in this memorandum are referenced to the North American Vertical Datum of 1988 (NAVD) and elevations are based on interpreting the existing conditions plans by VHB dated October 28, 2021.

SUBSURFACE EXPLORATION PROGRAM

The subsurface exploration program consisted of advancing six borings to depths between approximately 7 to 25 feet below existing ground surface (bgs). The boring program was completed between December 9, 2021, and January 8, 2022. The boring program was designed to meet the intent of the Town of Arlington zoning bylaw for redevelopments residing in the Inland Wetland District (Section 5.8.6 Development Conditions – subsection A.1). In addition, explorations were coordinated with the project environmental consultant, The Vertex Companies (Vertex) of Boston, Massachusetts as part of their Phase I Environmental Site Assessment (ESA). The approximate locations of the explorations are shown on Figure 2 and logs are provided in Attachment A.

Borings were advanced by Crawford Drilling Services, LLC (CDS) of Westminster, Massachusetts on December 18, 2021 using a truck-mounted drill rig equipped with hollow-stem augers and by G&M Subsurface on December 9, 2021 and January 8, 2022 using direct-push drilling methods. The boring programs were continuously observed by a representative from GeoEngineers who examined and classified the soils encountered, obtained representative soil samples, observed groundwater conditions (if present) and prepared a detailed log of each exploration. Soil samples were collected at 5-foot intervals with a 2-inch outside-diameter split-barrel standard penetration test (SPT) sampler. The blow counts are shown on the boring logs at the respective sample depths.

Soils encountered in the borings were visually classified in general accordance with the classification system described in Figure A-1. A key to the boring log symbols is also presented in Figure A-1. The logs of the borings are presented in Figures A-2 through A-7. The boring logs are based on our interpretation of the field and laboratory data and indicate the various types of soils encountered. The logs also indicate the depths at which these soils or their characteristics change, although the changes may actually be gradual. If the change occurred between samples, it was interpreted. The densities noted on the boring logs are based on the blow count data obtained in the borings and judgment based on the conditions encountered.

Geotechnical Laboratory Analysis

Three soil samples, from borings designated GEO-3, GEO-5, and GEO-6, were submitted to Thielsch Engineering of Braintree, Massachusetts by GeoEngineers for geotechnical laboratory testing to obtain index properties. Analyses included grain-size with hydrometer testing to confirm United States Department of Agriculture (USDA) textural classification for Rawls Rate correlations to support preliminary stormwater management design. The samples were selected to represent potential receiving layers within areas of the Site that are anticipated to receive stormwater. Results of the laboratory analysis are provided in Attachment B.

SUBSURFACE CONDITIONS

In general, the soil conditions observed at the Site consist of surface treatments (asphalt) underlain by fill overlying natural granular soils.

The existing fill consists of fine to coarse sand with varying gravel and silt content. Various non-soil constituents, consistent with historic (urban) fill, such as brick, asphalt, glass, and ash particles were observed within the fill layer.

The natural soil deposit is a glacial outwash deposit, consisting of dense to very dense sand with varying amounts of coarse gravel and silt. Coarse gravel and frequent cobbles were persistent throughout the outwash deposit and resulted in frequent auger and direct push refusal between 7 and 25 feet bgs. Cobbles and/or boulders should be expected during excavation of the materials during construction.

Groundwater

Groundwater was observed to be between approximately 15 and 24 feet bgs in the existing wells installed by others, designated MW-1 through MW-3, as indicated in Figure 2. The depths to groundwater shown on Figure 2 are based on measurements by Vertex on December 18, 2021. Installation logs and records of these monitoring wells were not available to us at the time of this letter report.

Groundwater is anticipated to flow southwards, from Dudley Street towards Mill Brook to the south of the Site. It should be noted that groundwater levels will vary depending on seasonal variations in temperature and precipitation and can also be influenced by subsurface utilities, construction development and other factors.

ENVIRONMENTAL CONSIDERATIONS

Please refer to the environmental reports prepared by Vertex regarding any provisions for soil and/or groundwater management during demolition and construction.

GEOTECHNICAL ENGINEERING RECOMMENDATIONS

The paragraphs below provide our geotechnical recommendations for building foundations and site work.

STORMWATER MANAGEMENT DESIGN RECOMMENDATIONS

Based on the subsurface conditions observed in the test borings at the Site, we anticipate the subsurface conditions below the proposed stormwater management to be generally consistent with subsurface conditions encountered in borings GEO-3 and GEO-5, with the exception that there may be a thicker fill layer as the existing building currently resides over the future stormwater management area. We recommend that the future stormwater management area be constructed such that the existing fill material is removed and the natural sand be used as the receiving layer for stormwater infiltration.

Based on grain-size analysis results, we recommend the receiving layer soil be classified as sand and loamy sand based on the USDA soil classification system. These soils are classified by the Hydrologic Soil Group (HSG) A and correlate to Rawls Rates between 2.41 and 8.27 inches per hour. The laboratory results are in the table below. We recommend VHB select the appropriate design value based on the depth of the stormwater management area and their engineering judgement.

Boring ID	Sample Depth (ft)	USDA Classification	Rawls Rate (in/hr)
GEO-3W	5-12	Loamy Sand	2.41
GEO-5W	9-10.8	Loamy Sand	2.41
GEO-6W	5.3-6	Sand	8.27

Note:
Rawls Rates taken from Table 2.3.3 “1982 Rawls Rates” from the Massachusetts Stormwater Handbook Volume 3 Chapter 1.

Evidence of Estimated Seasonal High Groundwater (ESHGW) was not observed during drilling. Based on observations during test borings and measured groundwater data, it is our opinion that ESHGW for the site is greater than 10 feet below ground surface and is not located within 4 feet of the bottom of the proposed stormwater infiltration system.

GEOTECHNICAL DESIGN RECOMMENDATIONS

Below is a summary of the primary geotechnical considerations associated with design and redevelopment of the Site:

- The proposed buildings can be supported by conventional shallow, spread footings and a slab-on-grade.
- The spread footings should bear directly on natural, inorganic, granular soils or on compacted structural fill bearing directly on natural, inorganic, granular soils. Footings should not bear directly on fill material. As such, over-excavation and replacement of the existing fill material will be necessary as specified herein. Over-excavation could extend from approximately 2 to 8 feet below existing grade.
- The top two (2) feet of fill below the slab should be excavated and replaced and recompacted prior to placing base course. The fill that is present and extends more than 2 feet below finished grade may remain in place provided is compacted as specified herein.
- Fill material below future pavement areas may remain in place provided it is proof-compacted as specified herein. Existing foundations, slabs, concrete, asphalt, utilities, and any remnants of the existing development should be removed in their entirety below building areas.
- We anticipate the inorganic, granular, on-site fill can be re-used as backfill outside of building areas provided it is placed and compacted in accordance with project specifications.
- The proximity of the southern building footings to the existing slope have the potential to create slope instability. As such, regrading of that slope to a minimum 2H:1V slope angle should be incorporated into the design considerations. Alternatively, the foundations along the slope edge should be installed deeper than the minimum frost depth.

Foundation Design Criteria

We recommend that the building be supported on shallow spread footings bearing on natural soils or on structural fill placed directly over natural soils. Some over-excavation of the existing fill material will be necessary to expose the top of the natural soils suitable for footing bearing. Fill should be over-excavated from within the zone of influence (ZOI) of the footings to expose the top of the natural soil. The ZOI is defined as a one horizontal to one vertical (1H:1V) line projecting outward and downward from the outside edge of the foundation element.

Allowable Bearing Pressure

For foundations constructed as recommended in this memorandum, we recommend using a net allowable bearing pressure of 2 tons per square foot (TSF) for footings bearing on natural, granular soil, or compacted structural fill bearing on natural soil deposits. The allowable soil bearing pressure applies to the total of dead and long-term live loads.

Foundation Dimensions

The minimum recommended lateral dimension for isolated spread footings is 36 inches, while continuous wall footings should be at least 18 inches wide. Footings in areas exposed to freezing temperatures should be founded at least 4 feet below exterior finished grade for frost protection. Interior footings, in areas not exposed to freezing temperatures, should be at least 24 inches below finished floor grade, or depth that provides at least 12 inches between top of footing and finished floor elevation, whichever is deeper.

Please note that the depth of the footings adjacent to the existing slope may need to be extended deeper to limit the potential for slope instability. Further analysis of this requirement is needed pending final grading and final design of the footing dimensions based on the net allowable bearing capacity provided herein.

Settlement

Provided the footing subgrade is prepared as recommended herein, we estimate that the total post-construction settlement will be less than 1 inch. Differential settlements are estimated to be less than 0.5 inches between adjacent columns but will vary based on live load distribution and column spacing.

Slab on Grade Design Criteria

As stated herein, the top 2 feet of fill material should be excavated, replaced and recompacted prior to placing the base course material. The slab should consist of a soil supported slab-on-grade. The base course layer directly below the slab should consist of 6 inches of MassDOT Item M2.01.7 Dense-graded Crushed Stone. Provided the subgrade soils are prepared as recommended herein, the slab should be designed as a beam on an elastic foundation with modulus of subgrade reaction of 150 pounds per cubic inch (pci).

Existing Fill Material

Based on observations and soil classification, we anticipate that the existing granular fill may be suitable for reuse below pavement areas provided it can be placed and compacted as specified herein.

Slope Rehabilitation Considerations

Given the poor condition of the existing slope, we recommend that the south-facing slope along Mill Brook be re-graded to a minimum 2H:1V slope angle as part of reconstruction. Rehabilitated slopes should incorporate vegetative development and erosion control barriers to limit runoff and improve slope stability. Once structural column loads and footing sizes are available, we recommend that the slope stability be evaluated.

Earthwork Procedures for Preparation of Building Pad Areas

The following paragraphs describe the recommended earthwork procedures for preparation of the building areas.

- Foundations, utilities, existing concrete, topsoil and pavement, should be removed from the proposed building areas in their entirety.
- The existing fill material should be removed from the zone of influence (ZOI) of the footings in its entirety (to natural soil subgrade). For construction purposes, the ZOI is defined as the area within a line projecting outward and downward from the outside edge of the proposed footing at a 1H:1V (horizontal to vertical) slope. Fill material present in the buildings outside the ZOI may remain in place provided it is prepared as specified below.
- Fill below the proposed slab-on-grade should be excavated by 2 feet, replaced and recompacted as specified herein, provided the onsite fill meets the specifications herein for Structural Fill.
- The excavated site soil may be re-used as backfill provided it meets the requirements for Structural Fill provided herein. The fill should be placed in 12-inch-thick loose lifts and compacted to at least 95 percent of its maximum dry density (MDD) as determined by ASTM International (ASTM) D1557 Method C (modified proctor).

- After removing the existing fill as described above, the surface of the inorganic soils within the building footprint and 5 feet beyond the exterior walls should be proof compacted with at least six passes of a 10-ton vibratory roller (or equivalent effort) under the observation of a qualified geotechnical engineer, or his/her representative. Any soft or loose zones identified by proof compaction should be evaluated by excavation and replaced with compacted Structural Fill as specified herein.
- Temporary cut slopes for the over-excavation of fill material below proposed footings for building foundations should be conducted at a 2H:1V slope to maintain a safe excavation. The footing subgrade (at the bottom of the over-excavation) should be proof compacted, prior to the placement of raise-in-grade fill, with at least six passes of a 1,000-pound vibratory plate compactor.
- For the slab-on-grade, the subgrade should be proof-compacted with at least six passes of a 10,000-pound vibratory roller. Any soft or loose areas identified during proof-compaction should be over-excavated and replaced with Structural Fill as specified herein. The top 6 inches of fill directly below the slab should consist of base course material as specified herein. The fill should be placed in maximum 12-inch-thick loose lifts and compacted to at least 95 percent of its maximum dry density (MDD) as determined by ASTM International (ASTM) D1557 Method C (modified proctor).

Structural Fill

Fill placed to directly below and within the ZOI of foundations, within 5 feet of the bottom of slab elevation, within 5 feet of utilities (bottom and sides), and within 5 feet of finished grade for pavements and sidewalks should consist of Structural Fill as described below:

- Structural Fill used as base course for the building slab should meet the requirements of Dense-Graded Crushed Stone (1½-inch minus crushed stone) or Gravel Borrow – Type B, MASSDOT, Items M2.01.7-1 or M1.03.0 Type B, respectively.
- Structural fill placed as base course below pavements and sidewalks should meet the requirements of Dense-Graded Crushed Stone (1½-inch minus crushed stone - Type B, MASSDOT, Items M2.01.7-1), Gravel Borrow (M1.03.0 - Type B), or Reclaimed Pavement Borrow (M1.09.0-1) in pavement areas only. Reclaimed Pavement Borrow should not be placed within the building footprint.
- Structural Fill placed as backfill of over-excavation below footings and within the ZOI of footings, and as general raise-in-grade fill in non-building areas (below base course) should consist of the following:

Sieve Size	Percent Passing By Weight
4-inch	100
1-inch	70-100
No. 4	30-60
No. 200	0-15

- Structural fill placed within irregularly shaped utility trenches or trenches not accessible to compaction equipment should consist of Controlled Density Fill (CDF) consisting of high slump Portland cement concrete with a compressive strength less than 150 pci at 28 days, otherwise the trench should be backfilled in accordance with the project specifications.
- Structural fill placed to stabilize footing subgrades, if needed, and for the proposed infiltration gallery crushed stone layer should meet the requirements of Crushed Stone (¾-inch crushed gravel), MASSDOT, Item M2.01.4.

Crushed Stone should be compacted with at least six passes of a 1,000-pound vibratory plate compactor, or until visibly firm and stable, as determined by the Geotechnical Engineer, or his/her qualified representative.

Earthwork Procedures for Preparation of Pavement Areas

- In proposed pavement areas, the existing asphalt, topsoil, foundations, slabs, and site utilities should be removed in their entirety. Where existing, deep utilities (>6 feet bgs) are present in proposed parking areas, it is acceptable to completely fill the utility with flowable fill and abandon the utility in-place.
- The exposed subgrade for future parking areas should be proof-compacted with at least six passes of a 10 ton vibratory roller (or equivalent effort) under the observation of a qualified geotechnical engineer, or his/her representative is recommended. Any soft or loose areas identified by the proof-compaction should be removed in their entirety and replaced with Structural Fill as specified herein.
- General raise-in-grade fill in parking areas should consist of Structural Fill and placed and compacted as specified herein.
- Base course for pavement should placed in 12-inch-thick loose lifts and compacted to at least 95 percent of its maximum dry density (MDD) as determined by ASTM International (ASTM) D1557 Method C (modified proctor).

Recommended Pavement Design

Parking area and access drive pavement subgrades should be prepared as specified herein. If soft or loose soils are encountered, such unsuitable subgrade soils should be over-excavated in their entirety and replaced with Structural Fill as specified herein.

Asphalt Concrete Pavement for Parking Areas

The pavement design is intended to strike a balance between performance and cost in consideration of the soil available at the Site and anticipated traffic loads (passenger vehicles). We recommend the following (minimum) flexible pavement cross-sections for both standard and heavy-duty applications.

Layer	Standard Duty	Heavy Duty
	Thickness	
Asphalt Wearing Course (MassDOT Item M3.11.03)	1.5 inches	1.5 inches
Asphalt Binder Course (MassDOT Item M3.11.03)	1.5 inches	2.5 inches
Pavement Base Course (Reclaimed Pavement Borrow, MassDOT Item M1.09.0, or Dense-Graded Crushed Stone, MassDOT Item M2.01.7)	9 inches	9 inches

LIMITATIONS

We have prepared this preliminary design memorandum for the exclusive use of PSI Atlantic Arlington MA, LLC and their authorized agents for 34 Dudley Street in Arlington, Massachusetts.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted practices in the field of geotechnical engineering in this area at the time this memorandum was prepared. No warranty or other conditions, express or implied, should be understood.

Please refer to Appendix C, "Design Memorandum Limitations and Guidelines for Use" for additional information pertaining to use of this memorandum.

Sincerely,
GeoEngineers, Inc.

Mark N. Ruberti, PE
Geotechnical Engineer (MA)

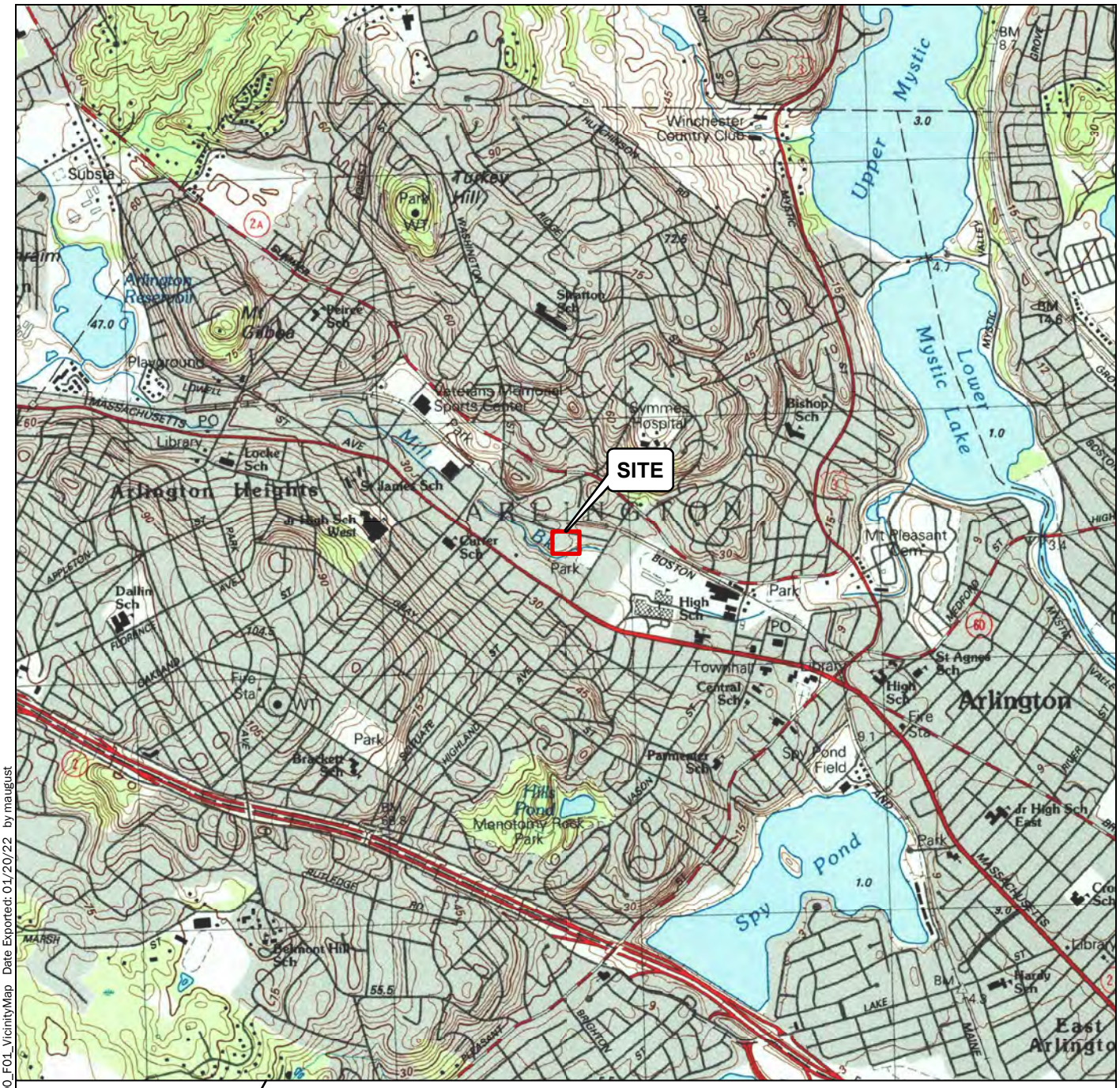
Stan S. Sadkowski, PE
Principal Geotechnical Engineer (MA)

MNR:SSS:kab

Attachments:
Figure 1. Site Locus Map
Figure 2. Exploration Location Plan
Appendices:
Appendix A. Boring Logs
Figure A-1. Key to Exploration Logs
Figures A-2 through A-7. Logs of Borings
Appendix B. Laboratory Testing Data Sheet
Figure 21-S-B478 through 21-S-B480 - Particle Size Distribution Report
Figure S-B478-B480 – USDA Soil Classification
Appendix C. Design Memorandum Limitations and Guidelines for Use

One copy submitted electronically

Disclaimer: Any electronic form, facsimile or hard copy of the original document (email, text, table, and/or figure), if provided, and any attachments are only a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record



Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: ESRI, USGS 24K Quadrangle Boston North, 1985.

Projection: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

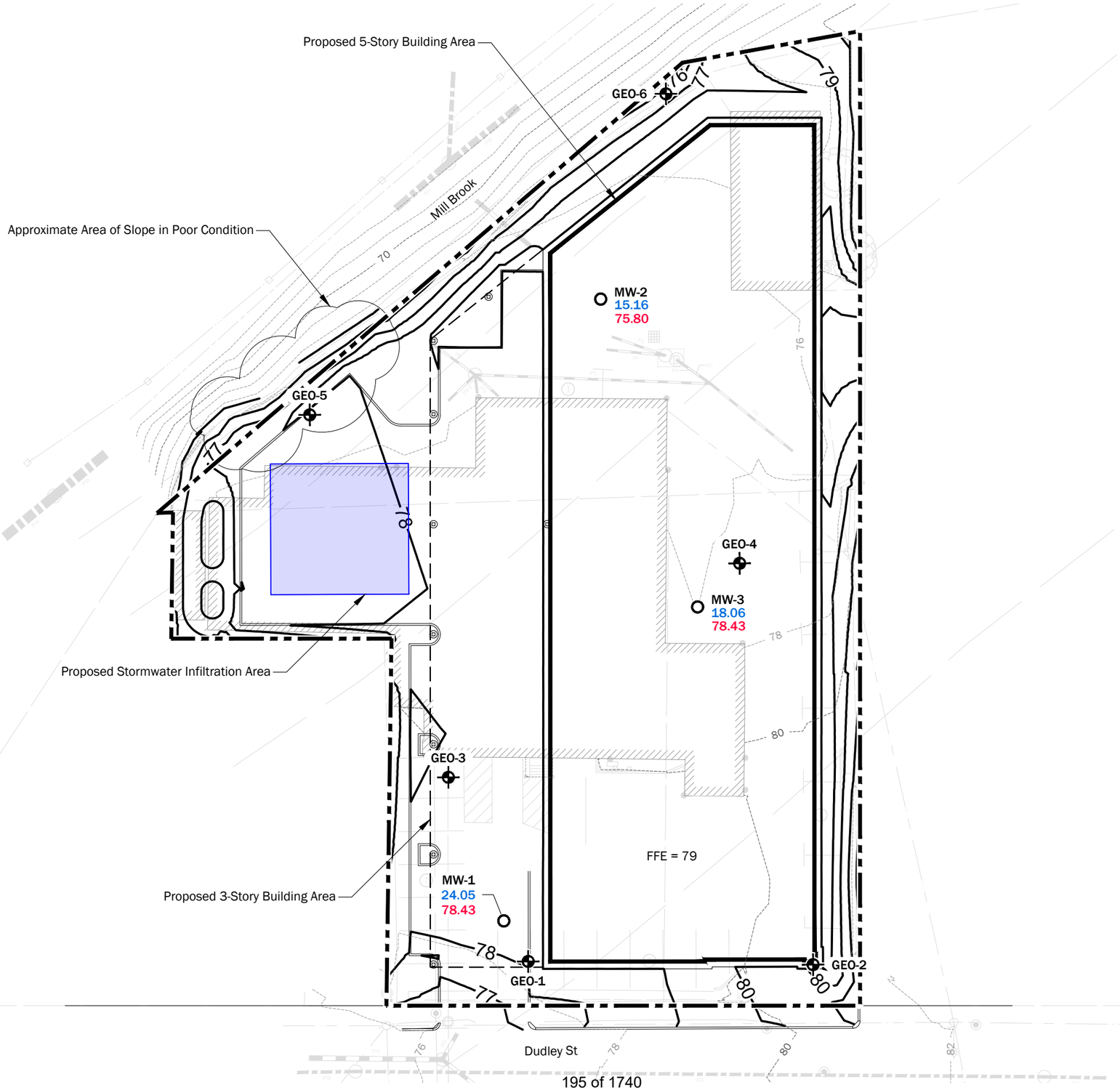
Site Locus Map

34 Dudley Street
Arlington, Massachusetts

GeoEngineers USA

Figure 1

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Legend

- Property Boundary
- Existing Building
- Proposed 5-Story Building Area
- Proposed 3-Story Building Area
- 80 — Proposed Grading
- Proposed Stormwater Infiltration Area
- GEO-1 — Boring by GeoEngineers, Inc., 2021 and 2022
- MW-1 — Monitoring Well by Others
  - 24.05 — Depth to Groundwater (Feet bgs) Based on Measurements Collected on December 18, 2021
  - 78.43 — Well Elevation (Feet)

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers USA, P.C. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers USA, P.C. and will serve as the official record of this communication.

Source(s): Background from VHB dated 10-28-2021.

Projection: MA State Plane, Mainland Zone, NAD83, US Foot

30 0 30
Feet

Exploration Location Plan

34 Dudley St
Arlington, Massachusetts

GeoEngineers USA | **Figure 2**

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APPENDIX A
Boring Logs

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
MORE THAN 50% RETAINED ON NO. 200 SIEVE	SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS
				SP	POORLY-GRADED SANDS, GRAVELLY SAND
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% PASSING NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
	AC	Asphalt Concrete
	CC	Cement Concrete
	CR	Crushed Rock/ Quarry Spalls
	SOD	Sod/Forest Duff
	TS	Topsoil

Groundwater Contact

Measured groundwater level in exploration, well, or piezometer

Measured free product in well or piezometer

Graphic Log Contact

Distinct contact between soil strata

Approximate contact between soil strata

Material Description Contact

Contact between geologic units

Contact between soil of the same geologic unit

Sampler Symbol Descriptions

2.4-inch I.D. split barrel

Standard Penetration Test (SPT)

Shelby tube

Piston

Direct-Push

Bulk or grab

Continuous Coring

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

"P" indicates sampler pushed using the weight of the drill rig.

"WOH" indicates sampler pushed using the weight of the hammer.

Laboratory / Field Tests

%F	Percent fines
%G	Percent gravel
AL	Atterberg limits
CA	Chemical analysis
CP	Laboratory compaction test
CS	Consolidation test
DD	Dry density
DS	Direct shear
HA	Hydrometer analysis
MC	Moisture content
MD	Moisture content and dry density
Mohs	Mohs hardness scale
OC	Organic content
PM	Permeability or hydraulic conductivity
PI	Plasticity index
PL	Point lead test
PP	Pocket penetrometer
SA	Sieve analysis
TX	Triaxial compression
UC	Unconfined compression
UU	Unconsolidated undrained triaxial compression
VS	Vane shear

Sheen Classification

NS	No Visible Sheen
SS	Slight Sheen
MS	Moderate Sheen
HS	Heavy Sheen

NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

Key to Exploration Logs

GeoEngineers USA

Figure A-1

Drilled Start 1/8/2022 End 1/8/2022	Total Depth (ft) 12	Logged By PS/MR Checked By	Driller G&M Subsurface	Drilling Method Direct Push	
Surface Elevation (ft) 78.5 Vertical Datum NAVD88		Hammer Data Autohammer 140 (lbs) / 30 (in) Drop		Drilling Equipment GeoProbe 7822DT	
Easting (X) Northing (Y)		System Datum		Groundwater not observed at time of exploration	
Notes:					

Elevation (feet)	Depth (feet)	FIELD DATA: Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
75	0	4	11		1		AC	Approximately 3 inches asphalt concrete pavement			
							SM	Dark brown-black fine to coarse sand, some gravel, little silt, very few ash particles (medium dense, moist) (fill)			
	5	6	19		2		SP	Brown-gray fine to coarse sand, some gravel, trace silt (medium dense, moist) (fill)			
70							SP	Brown-gray fine to coarse sand, some gravel, trace silt (very dense, moist)			Fill break determined by observations of direct push sleeve
	10	12	64		3						

Boring terminated at approximately 12 feet below ground surface due to direct push refusal

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Date:1/28/22 Path:P:\25\25754001\GINT\25754001GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEIB_GEOTECH_STANDARD_%F_NO_GW

Log of Boring GEO-1

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Figure A-2
Sheet 1 of 1

Drilled	Start 12/18/2021	End 12/18/2021	Total Depth (ft)	12.75	Logged By / Checked By	SR/MR	Driller	Crawford Drilling Service	Drilling Method	Hollow-stem Auger
Surface Elevation (ft) / Vertical Datum	80.5 NAVD88		Hammer Data	Autohammer 140 (lbs) / 30 (in) Drop	Drilling Equipment	B52 Turck Rig				
Easting (X) / Northing (Y)			System Datum		Groundwater not observed at time of exploration					

Notes:

Elevation (feet)	Depth (feet)	FIELD DATA: Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
80	0	10	36		1		AC	Approximately 3 inches asphalt concrete pavement			
							SM	Dark brown fine to coarse sand with some gravel, little silt (dense, moist) (fill)			
75	5	13	34		2		SP	Brown fine to coarse sand with some gravel, trace silt (dense, moist)			
70	10	11	72		3		SM	Brown fine to coarse sand with some gravel, little silt (very dense, moist)			
								Boring terminated at approximately 12.8 feet below ground surface due to auger refusal			

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Date:1/28/22 Path:P:\25\25754001\GINT\25754001GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEIB_GEOTECH_STANDARD_%F_NO_GW

Log of Boring GEO-2

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Figure A-3
Sheet 1 of 1

Drilled Start 12/9/2021 End 12/9/2021	Total Depth (ft) 25	Logged By VT Checked By	Driller G&M Subsurface	Drilling Method Direct Push	
Surface Elevation (ft) 79.5 Vertical Datum NAVD88		Hammer Data Autohammer 140 (lbs) / 30 (in) Drop		Drilling Equipment GeoProbe 7822DT	
Easting (X) Northing (Y)		System Datum		Groundwater not observed at time of exploration	
Notes:					

Elevation (feet)	Depth (feet)	FIELD DATA: Interval	Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
75	0		14	10		1		AC	Approximately 4 inches asphalt concrete pavement			
								SM	Brown fine to coarse sand and gravel with some silt, very few brick fragments and slag pieces (medium dense, moist) (fill)			
			50					SP	Light brown fine to coarse sand and gravel, with trace silt (dense, moist)			
70	5		52 15	36		2						
	10		36 16	71		3 4		SP	Light brown-tan fine to coarse sand and gravel, with trace silt (very dense, moist)			
65	15		42			5						
60	20					6						
55	25								Boring terminated at approximately 25 feet below ground surface due to direct-push refusal			

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Date:1/28/22 Path:P:\25\25754001\GINT\25754001100.GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

Log of Boring GEO-3

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Drilled	Start 1/8/2022	End 1/8/2022	Total Depth (ft)	7	Logged By / Checked By	PS/MR	Driller	G&M Subsurface	Drilling Method	Direct Push
Surface Elevation (ft) / Vertical Datum	76 NAVD88		Hammer Data	Autohammer 140 (lbs) / 30 (in) Drop			Drilling Equipment	GeoProbe 7822DT		
Easting (X) / Northing (Y)			System Datum				Groundwater not observed at time of exploration			

Notes:

Elevation (feet)	Depth (feet)	FIELD DATA: Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name / Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
75	0	12	32		1		AC	Approximately 5 inches asphalt concrete pavement			Boring terminated at approximately 2.2 ft below ground surface due to direct push refusal; offset approximately 5 ft to the east and resumed advancing exploration
							SP	Brown-gray fine to coarse sand, some gravel, trace silt (dense, moist) (fill)			
70	5	15	80		2		SP	Brown-gray fine to coarse sand, some gravel, trace silt (very dense, moist)			
								Boring terminated at approximately 7 feet below ground surface due to direct push refusal			

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

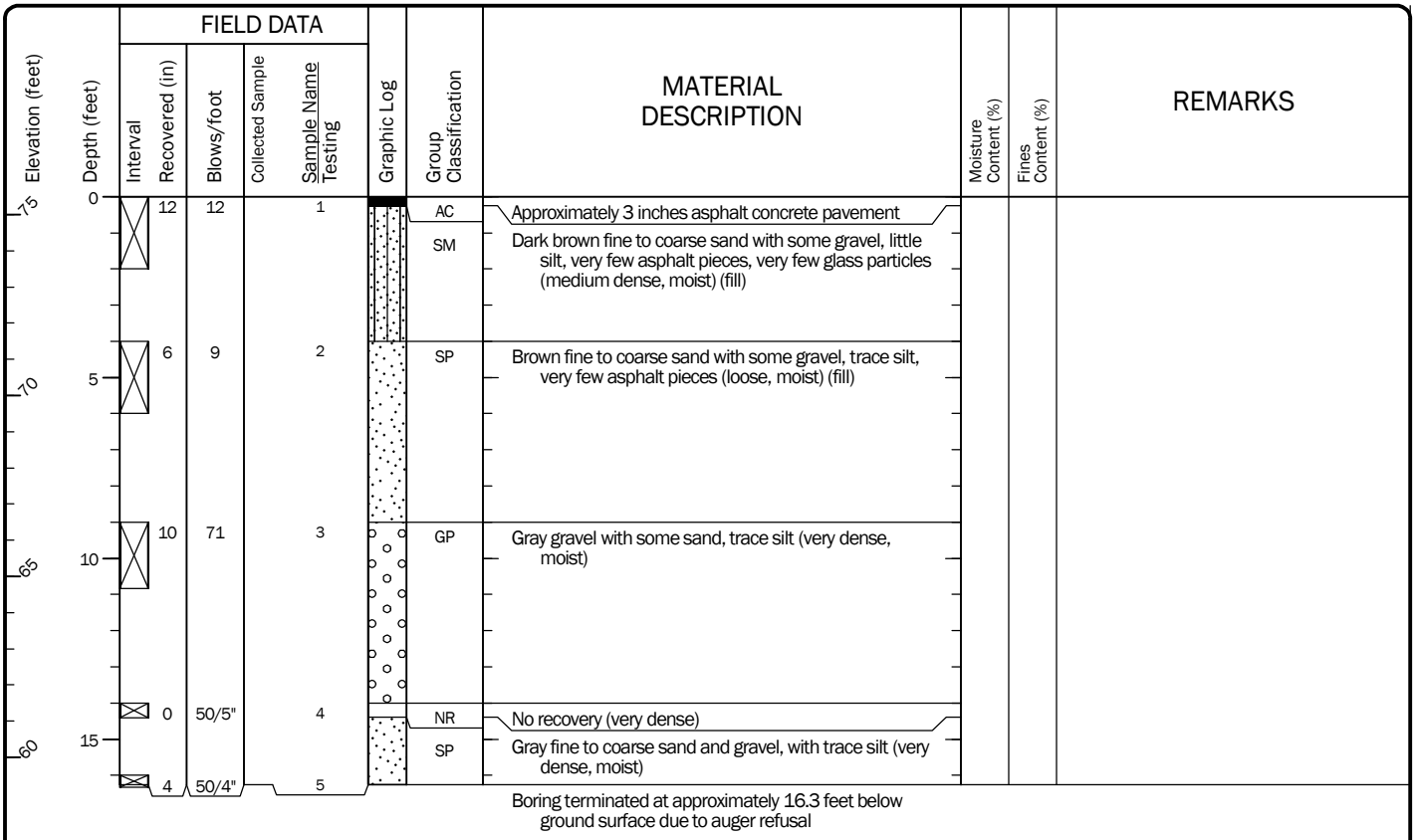
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Log of Boring GEO-4

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Drilled	Start 12/18/2021	End 12/18/2021	Total Depth (ft)	16.25	Logged By / Checked By	SR/MR	Driller	Crawford Drilling Service	Drilling Method	Hollow-stem Auger
Surface Elevation (ft) / Vertical Datum	75.5 NAVD88		Hammer Data	Autohammer 140 (lbs) / 30 (in) Drop			Drilling Equipment	B52 Turck Rig		
Easting (X) / Northing (Y)			System Datum				Groundwater not observed at time of exploration			
Notes:										



Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Log of Boring GEO-5

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Figure A-6
Sheet 1 of 1

Date:1/28/22 Path:P:\25\25754001\GINT\25754001GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

Drilled Start 12/18/2021 End 12/18/2021	Total Depth (ft) 10.5	Logged By SR/MR Checked By	Driller Crawford Drilling Service	Drilling Method Hollow-stem Auger	
Surface Elevation (ft) 74.5 Vertical Datum NAVD88		Hammer Data Autohammer 140 (lbs) / 30 (in) Drop		Drilling Equipment B52 Turck Rig	
Easting (X) Northing (Y)		System Datum		Groundwater not observed at time of exploration	

Notes:

Elevation (feet)	Depth (feet)	FIELD DATA: Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
	0	8	36		1		AC	Approximately 3 inches asphalt concrete pavement			
							SM	Dark brown fine to coarse sand with some gravel, little silt, few wood pieces, very few brick particles (dense, moist) (fill)			
70	5	12	42		2		SM	Dark brown fine to coarse sand with little gravel and little silt (dense, moist) (fill)			Boring terminated at approximately 4 feet below ground surface due to auger refusal; offset approximately 10 feet northwest and continued advancing exploration
							SP	Brown fine to coarse sand with some gravel, trace silt (dense, moist)			
65	10	11	88/11"		3						

Boring terminated at approximately 10.5 feet below ground surface due to auger refusal

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Date:1/28/22 Path:P:\25\25754001\GINT\25754001GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

Log of Boring GEO-6

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Figure A-7
Sheet 1 of 1

APPENDIX B
Laboratory Testing Data Sheet

THIELSCH ENGINEERING	195 Frances Avenue Cranston RI, 02910 Phone: (401)-467-6454 Fax: (401)-467-2398 thielsch.com *Let's Build a Solid Foundation*	Client Information: GeoEngineers, Inc. 239 Causeway Street, Boston, MA 02114 PM: Mark Ruberti Assigned By: Mark Ruberti Collected By: Client	Project Information: **34 Dudley Street** **Arlington, MA** GeoEngineers Project Number: 25754-001-00 Summary Page: 1 of 1 Report Date: 01.03.2022

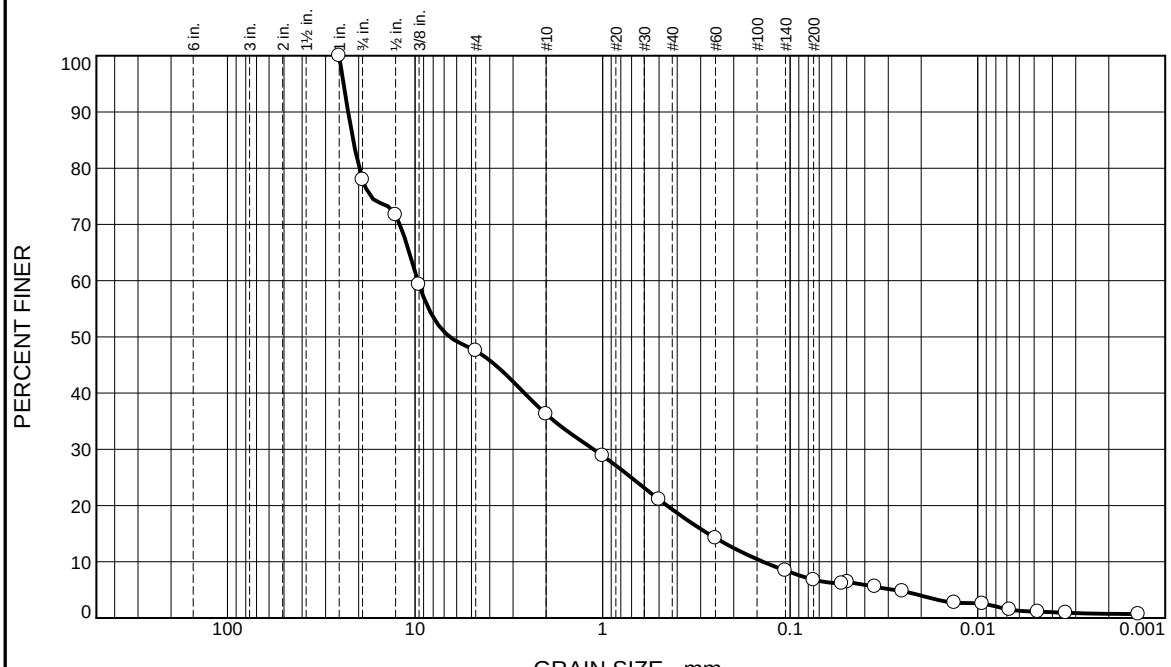
LABORATORY TESTING DATA SHEET, Report No.: 7421-M-B010

Material Source	Sample No.	Depth (Ft)	Laboratory No.	Identification Tests								Proctor / CBR / Permeability Tests								Laboratory Log and Soil Description
				As Received Water Content %	LL %	PL %	Gravel %	Sand %	Fines %	Org. %	G_s	Dry unit wt. pcf	Test Water Content %	γ_d MAX (pcf) / W_{opt} (%)	γ_d MAX (pcf) / W_{opt} (%) (Corr.)	Target Test Setup as % of Proctor	CBR @ 0.1"	CBR @ 0.2"	Permeability cm/sec	
				D2216	D4318		D6913			D2974	D854			D1557						
Boring	GEO-3 (S2 & S3)	5-12	21-S-B478				63.7	30.1	6.2											Light Brown loamy sand
Boring	GEO-5 (S1)	9-10.8	21-S-B479				68.3	23.9	7.8											Grey loamy sand
Boring	GEO-6 (S-1B)	5.3-6	21-S-B480				53.0	40.8	6.2											Light Brown sand

Date Received: *12.21.21* Reviewed By: Christine M Cahoon Date Reviewed: *01.03.22*

This report only relates to items inspect and/or tested. No warranty, expressed or implied, is made.
This report shall not be reproduced, except in full, without prior written approval from the Agency, as defined in ASTM E329.

Particle Size Distribution Report



% Stones	% +3"	% Gravel			% Sand					% Silt		% Clay
		Coarse	Medium	Fine	V. Crs.	Crs.	Med.	Fine	V. Fine	Crs.	Fine	
0.0	0.0	22.1	30.4	11.2	7.4	7.8	6.9	6.1	1.9	2.2	3.3	0.7

Test Results (D6913 & ASTM D 1140)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1"	100.0		
3/4"	77.9		
1/2"	71.7		
3/8"	59.3		
#4	47.5		
#10	36.3		
#18	28.9		
#35	21.1		
#60	14.2		
#140	8.4		
#200	6.8		
#270	6.2		
0.0494 mm.	6.4		
0.0353 mm.	5.6		
0.0252 mm.	4.8		
0.0133 mm.	2.7		
0.0094 mm.	2.5		
0.0068 mm.	1.5		
0.0048 mm.	1.1		
0.0034 mm.	0.9		
0.0014 mm.	0.7		

* (no specification provided)

Material Description

Light Brown loamy sand

Atterberg Limits (ASTM D 4318)

PL= NP **LL=** NV **PI=** NP

Classification

USCS (D 2487)= GP-GM **AASHTO (M 145)=** A-1-a

Coefficients

D_{90}= 22.7414 D_{85}= 21.3790 D_{60}= 9.6783
D_{50}= 6.5171 D_{30}= 1.1164 D_{15}= 0.2733
D_{10}= 0.1393 C_u= 69.50 C_c= 0.92

Remarks

Date Received: 12/21/21 **Date Tested:** 12/28/21

Tested By: DN / CC

Checked By: Christina Colman

Title: Laboratory Supervisor

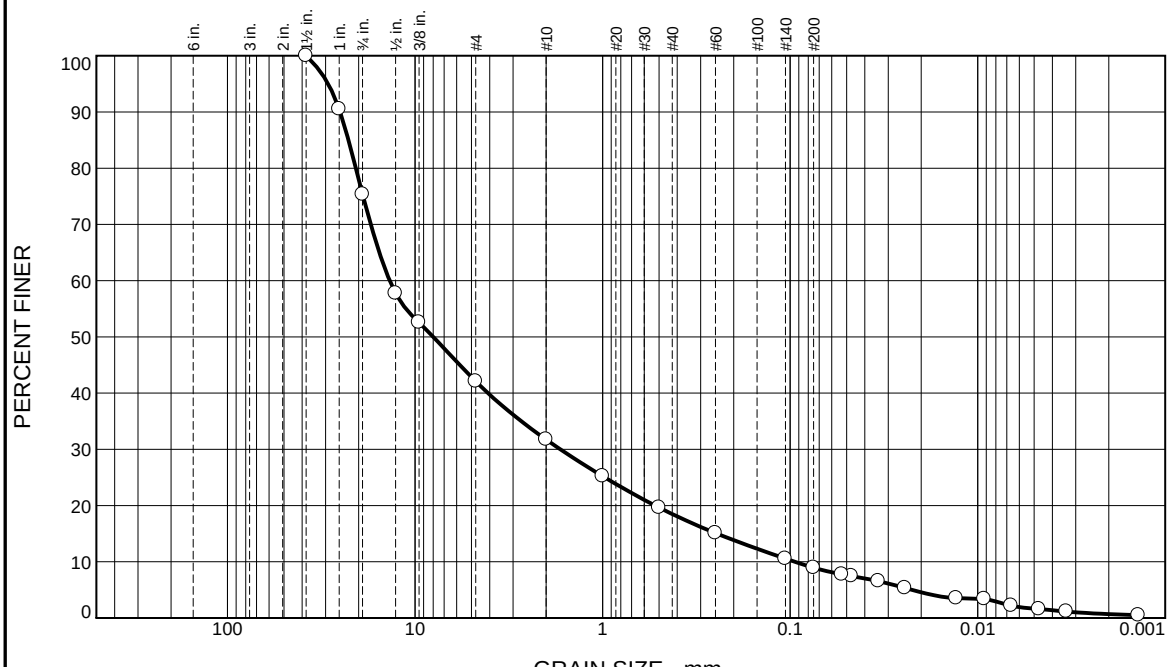
Source of Sample: Boring **Depth:** 5-12' **Date Sampled:**
Sample Number: GEO-3 (S2 & S3)

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.
Project: 34 Dudley Street
Arlington, MA
Project No: 25754-001-00 **Figure** 21-S-B478

Particle Size Distribution Report



% Stones	% +3"	% Gravel			% Sand					% Silt		% Clay
		Coarse	Medium	Fine	V. Crs.	Crs.	Med.	Fine	V. Fine	Crs.	Fine	
0.0	0.0	24.6	33.3	10.4	6.5	5.6	4.5	4.8	2.5	3.2	3.9	0.7

Test Results (D6913 & ASTM D 1140)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1 1/2"	100.0		
1"	90.5		
3/4"	75.4		
1/2"	57.8		
3/8"	52.6		
#4	42.1		
#10	31.7		
#18	25.2		
#35	19.6		
#60	15.1		
#140	10.6		
#200	8.9		
#270	7.8		
0.0471 mm.	7.5		
0.0338 mm.	6.6		
0.0244 mm.	5.3		
0.0130 mm.	3.5		
0.0092 mm.	3.4		
0.0066 mm.	2.2		
0.0047 mm.	1.6		
0.0034 mm.	1.1		
0.0014 mm.	0.5		

* (no specification provided)

Material Description

Grey loamy sand

Atterberg Limits (ASTM D 4318)

PL= NP **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= 25.0933 D_{85}= 22.6442 D_{60}= 13.6565
D_{50}= 7.9942 D_{30}= 1.6791 D_{15}= 0.2453
D_{10}= 0.0945 C_u= 144.54 C_c= 2.18

Remarks

Date Received: 12/21/21 **Date Tested:** 12/28/21

Tested By: DN / CC

Checked By: Christina Colman

Title: Laboratory Supervisor

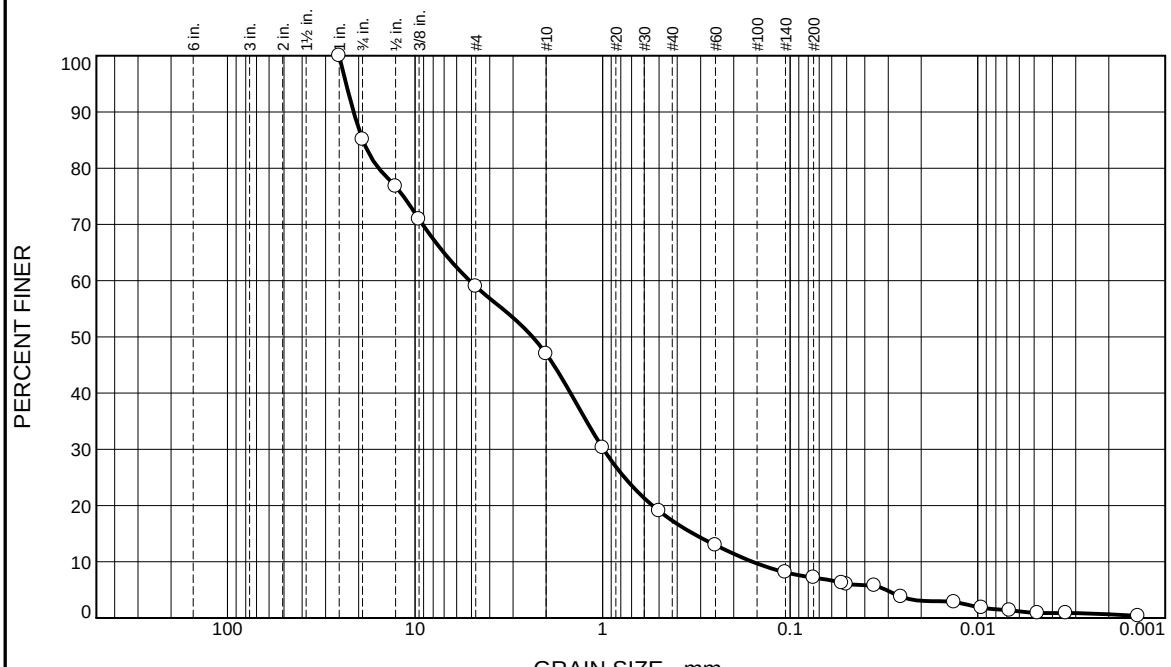
Source of Sample: Boring **Depth:** 9-10.8' **Date Sampled:**
Sample Number: GEO-5 (S1)

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.
Project: 34 Dudley Street
Arlington, MA
Project No: 25754-001-00 **Figure** 21-S-B479

Particle Size Distribution Report



% Stones	% +3"	% Gravel			% Sand					% Silt		% Clay
		Coarse	Medium	Fine	V. Crs.	Crs.	Med.	Fine	V. Fine	Crs.	Fine	
0.0	0.0	14.9	26.1	12.0	16.7	11.3	6.0	5.1	1.7	3.1	2.4	0.7

Test Results (D6913 & ASTM D 1140)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1"	100.0		
3/4"	85.1		
1/2"	76.8		
3/8"	70.9		
#4	59.0		
#10	47.0		
#18	30.3		
#35	19.0		
#60	13.0		
#140	8.1		
#200	7.2		
#270	6.2		
0.0502 mm.	6.0		
0.0356 mm.	5.8		
0.0256 mm.	3.8		
0.0134 mm.	2.8		
0.0095 mm.	1.8		
0.0068 mm.	1.4		
0.0048 mm.	0.9		
0.0034 mm.	0.9		
0.0014 mm.	0.4		

* (no specification provided)

Material Description

Light Brown sand

Atterberg Limits (ASTM D 4318)

PL= NP **LL=** NV **PI=** NP

Classification

USCS (D 2487)= SW-SM **AASHTO (M 145)=** A-1-a

Coefficients

D_{90}= 21.2538 D_{85}= 18.9911 D_{60}= 5.1201
D_{50}= 2.3620 D_{30}= 0.9875 D_{15}= 0.3280
D_{10}= 0.1585 C_u= 32.31 C_c= 1.20

Remarks

Date Received: 12/21/21 **Date Tested:** 12/28/21

Tested By: DN / CC

Checked By: Christina Colman

Title: Laboratory Supervisor

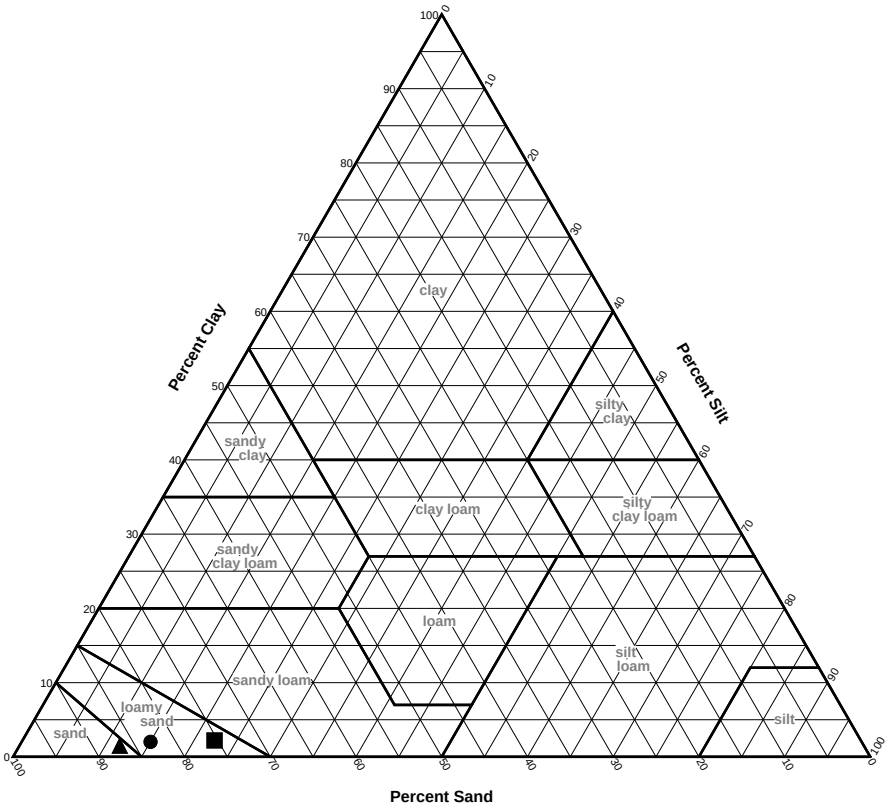
Source of Sample: Boring **Depth:** 5.3-6' **Date Sampled:**
Sample Number: GEO-6 (S-1B)

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.
Project: 34 Dudley Street
Arlington, MA
Project No: 25754-001-00 **Figure** 21-S-B480

USDA Soil Classification



SOIL DATA							
	Source	Sample No.	Depth	Percentages From Material Passing a #10 Sieve			Classification
				Sand	Silt	Clay	
●	Boring	GEO-3 (S2 & S3)	5-12'	82.9	15.2	1.9	Loamy sand
■	Boring	GEO-5 (S1)	9-10.8'	75.4	22.4	2.2	Loamy sand
▲	Boring	GEO-6 (S-1B)	5.3-6'	86.8	11.7	1.5	Sand

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.

Project: 34 Dudley Street
Arlington, MA

Project No.: 25754-001-00 **Figure** S-B478-B480

APPENDIX C
Design Memorandum Limitations and Guidelines for Use

APPENDIX C
DESIGN MEMORANDUM LIMITATIONS AND GUIDELINES FOR USE[1]

This appendix provides information to help you manage your risks with respect to the use of this memorandum.

Read These Provisions Closely

It is important to recognize that the geoscience practices (geotechnical engineering, geology and environmental science) rely on professional judgment and opinion to a greater extent than other engineering and natural science disciplines, where more precise and/or readily observable data may exist. To help clients better understand how this difference pertains to our services, GeoEngineers includes the following explanatory "limitations" provisions in its memorandums. Please confer with GeoEngineers if you need to know more how these "Stormwater Evaluation Memorandum Limitations and Guidelines for Use" apply to your project or site.

Geotechnical Services are Performed for Specific Purposes, Persons and Projects

This memorandum has been prepared for PSI Atlantic Arlington MA, LLC and for the Project(s) specifically identified in the memorandum. The information contained herein is not applicable to other sites or projects.

GeoEngineers structures its services to meet the specific needs of its clients. No party other than the party to whom this memorandum is addressed may rely on the product of our services unless we agree to such reliance in advance and in writing. Within the limitations of the agreed scope of services for the Project, and its schedule and budget, our services have been executed in accordance with our Agreement with PSI Atlantic Arlington MA, LLC dated December 29, 2021 and generally accepted geotechnical practices in this area at the time this memorandum was prepared. We do not authorize, and will not be responsible for, the use of this memorandum for any purposes or projects other than those identified in the memorandum.

A Geotechnical and Stormwater Evaluation Memorandum is based on a Unique Set of Project-Specific Factors

This memorandum has been prepared for schematic design for the proposed development concept located at 34 Dudley Street in Arlington, Massachusetts. GeoEngineers considered a number of unique, project-specific factors when establishing the scope of services for this project and memorandum. Unless GeoEngineers specifically indicates otherwise, it is important not to rely on this memorandum if it was:

- Not prepared for you,
- Not prepared for your project,
- Not prepared for the specific site explored, or
- Completed before important project changes were made.

For example, changes that can affect the applicability of this memorandum include those that affect:

- The function of the proposed structure;
- Elevation, configuration, location, orientation or weight of the proposed structure;

[1] Developed based on material provided by GBA, GeoProfessional Business Association; www.geoprofessional.org.

- Composition of the design team; or
- Project ownership.

If changes occur after the date of this memorandum, GeoEngineers cannot be responsible for any consequences of such changes in relation to this memorandum unless we have been given the opportunity to review our interpretations and recommendations. Based on that review, we can provide written modifications or confirmation, as appropriate.

Subsurface Conditions Can Change

This stormwater evaluation memorandum is based on conditions that existed at the time the study was performed. The findings and conclusions of this memorandum may be affected by the passage of time, by man-made events such as construction on or adjacent to the site, new information or technology that becomes available subsequent to the memorandum date, or by natural events such as floods, earthquakes, slope instability or groundwater fluctuations. If more than a few months have passed since issuance of our memorandum or work product, or if any of the described events may have occurred, please contact GeoEngineers before applying this memorandum for its intended purpose so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

Geotechnical and Geologic Findings are Professional Opinions

Our interpretations of subsurface conditions are based on field observations from widely spaced sampling locations at the site. Site exploration identifies the specific subsurface conditions only at those points where subsurface tests are conducted or samples are taken. GeoEngineers reviewed field and laboratory data and then applied its professional judgment to render an informed opinion about subsurface conditions at other locations. Actual subsurface conditions may differ, sometimes significantly, from the opinions presented in this memorandum. Our memorandum, conclusions and interpretations are not a warranty of the actual subsurface conditions.

Stormwater Evaluation Memorandum Recommendations are Not Final

We have developed the following recommendations based on data gathered from subsurface investigation(s). These investigations sample just a small percentage of a site to create a snapshot of the subsurface conditions elsewhere on the site. Such sampling on its own cannot provide a complete and accurate view of subsurface conditions for the entire site. Therefore, the recommendations included in this memorandum are preliminary and should not be considered final. GeoEngineers' recommendations can be finalized only by observing actual subsurface conditions revealed during construction. GeoEngineers cannot assume responsibility or liability for the recommendations in this memorandum if we do not perform construction observation.

We recommend that you allow sufficient monitoring, testing and consultation during construction by GeoEngineers to confirm that the conditions encountered are consistent with those indicated by the explorations, to provide recommendations for design changes if the conditions revealed during the work differ from those anticipated, and to evaluate whether earthwork activities are completed in accordance with our recommendations. Retaining GeoEngineers for construction observation for this project is the most effective means of managing the risks associated with unanticipated conditions. If another party performs field observation and confirms our expectations, the other party must take full responsibility for both the observations and recommendations. Please note, however, that another party would lack our project-specific knowledge and resources.

A Stormwater Evaluation Memorandum Could Be Subject to Misinterpretation

Misinterpretation of this memorandum by members of the design team or by contractors can result in costly problems. GeoEngineers can help reduce the risks of misinterpretation by conferring with appropriate members of the design team after submitting the memorandum, reviewing pertinent elements of the design team's plans and specifications, participating in pre-bid and preconstruction conferences, and providing construction observation.

Do Not Redraw the Exploration Logs

Geotechnical engineers and geologists prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. The logs included in a geotechnical engineering memorandum should never be redrawn for inclusion in architectural or other design drawings. Photographic or electronic reproduction is acceptable, but separating logs from the memorandum can create a risk of misinterpretation.

Give Contractors a Complete Memorandum and Guidance

Some owners and design professionals believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering memorandum, but preface it with a clearly written letter of transmittal. In that letter, advise contractors that the memorandum was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with GeoEngineers and/or to conduct additional study to obtain the specific types of information they need or prefer. A pre-bid conference can also be valuable. Be sure contractors have sufficient time to perform additional study. Only then might an owner be in a position to give contractors the best information available, while requiring them to at least share the financial responsibilities stemming from unanticipated conditions. Further, a contingency for unanticipated conditions should be included in your project budget and schedule.

Contractors are Responsible for Site Safety on Their Own Construction Projects

Our geotechnical recommendations are not intended to direct the contractor's procedures, methods, schedule or management of the work site. The contractor is solely responsible for job site safety and for managing construction operations to minimize risks to on-site personnel and adjacent properties.

Geotechnical, Geologic and Environmental Memoranda Should Not Be Interchanged

The equipment, techniques and personnel used to perform an environmental study differ significantly from those used to perform a geotechnical or geologic study and vice versa. For that reason, a geotechnical engineering or geologic memorandum does not usually relate any environmental findings, conclusions or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. Similarly, environmental memoranda are not used to address geotechnical or geologic concerns regarding a specific project.

Biological Pollutants

GeoEngineers' Scope of Work specifically excludes the investigation, detection, prevention or assessment of the presence of Biological Pollutants. Accordingly, this memorandum does not include any interpretations, recommendations, findings or conclusions regarding the detecting, assessing, preventing or abating of Biological Pollutants, and no conclusions or inferences should be drawn regarding Biological Pollutants as they may relate to this project. The term "Biological Pollutants" includes, but is not limited to, molds, fungi, spores, bacteria and viruses, and/or any of their byproducts.

A Client that desires these specialized services is advised to obtain them from a consultant who offers services in this specialized field.

Information Provided by Others

GeoEngineers has relied upon certain data or information provided or compiled by others in the performance of our services. Although we use sources that we reasonably believe to be trustworthy, GeoEngineers cannot warrant or guarantee the accuracy or completeness of information provided or compiled by others.



Map Scale: 1:2,570 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 35 70 140 210

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Middlesex County, Massachusetts
Survey Area Data: Version 21, Sep 2, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 13, 2020—Sep 15, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
602	Urban land	3.9	28.6%
626B	Merrimac-Urban land complex, 0 to 8 percent slopes	3.5	26.1%
655	Udorthents, wet substratum	6.1	45.3%
Totals for Area of Interest		**13.6**	**100.0%**

Required and Provided Recharge Volumes

Recharge Calculations

Project	Arlington Self Storage	**Project #**	52816.00
Calculated by	MEA	**Date**	4/21/2022
Checked by	EKG	**Date**	4/21/2022

REQUIRED RECHARGE VOLUME

Hydrologic Soil Group (HSG)	Area (ft^2)	Inches of Runoff (in)	Volume (ft^3)
A	24,852	0.60	1,243
B	0	0.35	0
C	0	0.25	0
D	0	0.10	0
TOTAL			**1,243**

CAPTURE AREA ADJUSTMENT

Required Recharge Volume (ft^3)	1,243
Total Site Net Impervious Area (ft^2)	24,852
Total Site Impervious Area Draining to Recharge Facilities (ft^2)	24,150
Capture Area Adjustment Factor	1.03
Adjusted Required Recharge Volume (ft^3)	**1,279**

PROVIDED RECHARGE VOLUME

SUBSURFACE INFILTRATION SYSTEM #1:

MC-4500

Volumes provided below the lowest outlet at elevation: 71.7

Provided Volume:	Bottom Area (ft^2)	Volume (ft^3)
	1,112	**1,954**

Drawdown: $(V_{Infiltration}/A_{Bottom})$/Rawl's Rate

Rawls Recharge Rate:	2.4	(in/hr)
Drawdown Time:	8.75	(hours)

RECHARGE VOLUME SUMMARY

Required Recharge Volume:	**1,243**	(ft^3)
Total Recharge Volume Provided:	**1,954**	(ft^3)

Appendix D: Standard 4 Computations and Supporting Information

- Operation and Maintenance Plan
- Water Quality Volume Calculations
- TSS Removal Worksheets

Operations and Maintenance Plan

Proposed Self-Storage Facility

34 Dudley Street
Arlington, Massachusetts

PREPARED FOR

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive, Suite 155
Memphis, TN 38117

PREPARED BY

2 Bedford Farms Drive
Suite 200
Bedford, NH 03110
603.391.3900

February 2022
Revised April 21, 2022

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Project Informtion

Site

Proposed Self-Storage Facility
34 Dudley Street
Arlington, Massachusetts, 02476

Developer

PSI Atlantic Arlington MA, LLC.
530 Oak Court Drive, Suite 155
Memphis, TN 38117
Phone Number: _____

Site Supervisor

Site Manager Name_____
Site Manager Address_____
Site Manager City, State Zip_____
Site Manager Phone Number_____

Site Contact

Name: _____

Telephone: _____

Cell phone: _____

Email: _____

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Section A: Source Control

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A Source Control

A comprehensive source control program will be implemented at the Proposed Self-Storage Facility, which includes the following components:

- Regular pavement sweeping on the asphalt surfaces
- Catch basin cleaning
- Clearing litter from the parking area, islands, and perimeter landscape areas
- Enclosure and regular maintenance of all dumpsters
- Spill Prevention training

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Section B: Spill Prevention

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B Spill Prevention

Spill prevention equipment and training will be provided by the Owner or property management company.

B.1 Initial Notification

In the event of a spill the facility and/or construction manager or supervisor will be notified immediately.

Facility Manager (name): _____

Facility Manager (phone): _____

Construction Manager (name) : _____

Construction Manager (phone): _____

The supervisor will first contact the Fire Department and then notify the Police Department, the Public Health Commission and the Conservation Commission. The Fire Department is ultimately responsible for matters of public health and safety and should be notified immediately.

B.2 Further Notification

Based on the assessment from the Fire Chief, additional notification to a cleanup contractor may be made. The Massachussets Department of Environmental Protection (DEP) and the EPA may be notified depending upon the nature and severity of the spill. The Fire Chief will be responsible for determining the level of cleanup and notification required. The attached list of emergency phone numbers shall be posted in the main construction/facility office and readily accessible to all employees. A hazardous waste spill report shall be completed as necessary using the attached form.

Emergency Notification Phone Numbers

1.	**FACILITY MANAGER**		
	Name:	Phone:	
		Beeper/Cell:	
		Home Phone:	
	Alternate Contact:	Phone:	
		Beeper/Cell:	
		Home Phone:	
2.	**FIRE & POLICE DEPARTMENT**	Emergency:	911
3.	**CLEANUP CONTRACTOR**		
	Address:	Phone:	
4.	**STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)**	Emergency:	978-694-3200
5.	**NATIONAL RESPONSE CENTER**	Phone:	(800) 424-8802
	Alternate: U.S. Environmental Protection Agency	Emergency:	
		Business:	
6.	**MUNICIPAL HEALTH DEPARTMENT**	Phone:	(781) 316-3170
	Municipal Conservation Commission:	Phone:	(781) 316-3090

Hazardous Waste & Oil Spill Report

Date: _____ **Time:** _____ **AM / PM**

Exact location (Transformer #): _____

Type of equipment: _____ **Make:** _____ **Size:** _____

S / N: _____ **Weather Conditions:** _____

On or near water? ☐ Yes ☐ No **If yes, name of body of water:** _____

Type of chemical / oil spilled: _____

Amount of chemical / oil spilled: _____

Cause of spill: _____

Measures taken to contain or clean up spill: _____

Amount of chemical / oil recovered: _____ **Method:** _____

Material collected as a result of cleanup:

_____ drums containing _____

_____ drums containing _____

_____ drums containing _____

Location and method of debris disposal: _____

Name and address of any person, firm, or corporation suffering charges: _____

Procedures, method, and precautions instituted to prevent a similar occurrence from recurring: _____

Spill reported by General Office by: _____ **Time:** _____ **AM / PM**

Spill reported to DEP / National Response Center by: _____

DEP Date: _____ **Time:** _____ **AM / PM** **Inspector:** _____

NRC Date: _____ **Time:** _____ **AM / PM** **Inspector:** _____

Additional comments: _____

B.3 Assessment – Initial Containment

The supervisor or manager will assess the incident and initiate containment control measures with the appropriate spill containment equipment included in the spill kit kept on-site. A list of recommended spill equipment to be kept on site is included on the following page.

Fire / Police Department: 911

Municipality Health Department (781) 316-3170

Municipality Conservation Commission: (781) 316-3090

Emergency Response Equipment

The following equipment and materials shall be maintained at all times and stored in a secure area for long-term emergency response need.

Supplies	Quantity	Recommended Suppliers
› Sorbent Pillows/"Pigs"	2	http://www.newpig.com Item # KIT276 — mobile container with two pigs
› Sorbent Boom/Sock	25 feet	http://www.forestry-suppliers.com
› Sorbent Pads	50	
› Lite-Dri® Absorbent	5 pounds	
› Shovel	1	Item # 33934 — Shovel (or equivalent)
› Pry Bar	1	Item # 43210 — Manhole cover pick (or equivalent)
› Goggles	1 pair	Item # 23334 — Goggles (or equivalent)
› Gloves – Heavy	1 pair	Item # 90926 — Gloves (or equivalent)

Section C: Snow Management

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C Snow Management

Snow storage areas are shown on the attached Map.

- Snow storage areas will be managed to prevent blockage of storm drain catch basins and stormwater drainage swales. Snow combined with sand and debris may block a storm drainage system, diminishing the infiltration capacity of the system and causing localized flooding.
- Sand and debris deposited on vegetated or paved areas shall be cleared from the site and properly disposed of at the end of the snow season, no later than May 15.
- Snow shall not be dumped into any waterbody, pond, or wetland resource area.

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Section D: Maintenance of Stormwater Management Systems

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D Maintenance of Stormwater Management Systems

D.1 Pavement Systems

D.1.1 Standard Asphalt Pavement

- Sweep or vacuum standard asphalt pavement areas at least four times per year with a rotary brush sweeper or vacuum sweeper and properly dispose of removed material.
- Recommended sweeping schedule:
- Oct/Nov
- Feb/Mar
- Apr/May
- Aug/Sep
- More frequent sweeping of paved surfaces will result in less accumulation in catch basins, less cleaning of subsurface structures, and less disposal costs.
- Check loading docks and dumpster areas frequently for spillage and/or pavement staining and clean as necessary.

D.2 Structural Stormwater Management Devices

D.2.1 Catch Basins and Area Drains

The proper removal of sediments and associated pollutants and trash occurs only when catch basin inlets and sumps are cleaned out regularly. The more frequent the cleaning, the less likely sediments will be re-suspended and subsequently discharged. In addition, frequent cleaning also results in more volume available for future deposition and enhances the overall performance. As noted in the pavement Operation and Maintenance (O&M) section, more frequent sweeping of paved surfaces will result in less accumulation in catch basins, less cleaning of subsurface structures, and less disposal costs.

There is one (1) catch basin and two (2) area drains at the Self-Storage Facility. These catch basins are constructed with sumps (minimum 4 feet) and hooded outlets to trap debris,

sediments, and floating contaminants. Disposal of all sediments must be in accordance with applicable local, state, and federal guidelines. A map of the catch basin locations is included in Section E.5 Maintenance Checklists and Device Location Maps.

Inspections and Cleaning

- All catch basins shall be inspected at least four times per year and cleaned a minimum of at least once per year.
- Sediment (if more than six inches deep) and/or floatable pollutants shall be pumped from the basin and disposed of at an approved offsite facility in accordance with all applicable regulations.
- Any structural damage or other indication of malfunction will be reported to the site manager and repaired as necessary
- During colder periods, the catch basin grates must be kept free of snow and ice.
- During warmer periods, the catch basin grates must be kept free of leaves, litter, sand, and debris.

D.2.2 Subsurface Infiltration Basins

The subsurface infiltration/detention basins are used to detain and infiltrate roadway and rooftop runoff. There is one (1) subsurface infiltration basin at the Self-Storage Facility. Each of these basins has a water quality pre-treatment device in the form of a subsurface sediment removal row to protect the infiltration bed from clogging. The sediment removal row is an integral part of the underground infiltration system and is comprised of a perforated pipe, wrapped in a filter fabric and surrounded with gravel. To maintain pre-treatment functionality, this sediment removal row requires regular inspection and cleaning. A map of the infiltration basin locations is included in Section E.5 Maintenance Checklists and Device Location Maps.

Inspections and Cleaning

- The subsurface infiltration systems will be inspected at least once each year by removing the manhole/access port covers and determining the thickness of sediment that has accumulated in the sediment removal row.
- If sediment is more than six inches deep, it must be suspended via flushing with clean water and removed using a vactor truck.
- Manufacturer's specifications and instructions for cleaning the sediment removal row are provided as an attachment to this section.
- Emergency overflow pipes will be examined at least once each year and verified that no blockage has occurred.
- System will be observed after rainfalls to see if it is properly draining.

D.2.3 Stormwater Outfalls

The stormwater drainage system at the Self-Storage Facility has one (1) outfall location where treated stormwater is discharged towards Mill Brook. A map of this location is included in Section E.5 Maintenance Checklists and Device Location Maps.

- Inspect outfall locations monthly for the first three months after construction to ensure proper functioning and correct any areas that have settled or experienced washouts.
- Inspect outfalls annually after initial three month period.
- Annual inspections should be supplemented after large storms, when washouts may occur.
- Maintain vegetation around outfalls to prevent blockages at the outfall.
- Maintain rip rap pad below each outfall and replace any washouts.
- Remove and dispose of any trash or debris at the outfall.

D.2.4 Roof Drain Leader

Roof runoff from buildings and parking areas at the Self-Storage Facility are directed to the bioretention basin and to the subsurface infiltration units.

- Perform routine roof inspections quarterly.
- Keep roofs clean and free of debris.
- Keep roof drainage systems clear.
- Keep roof access limited to authorized personnel.
- Clean inlets twice per year or as necessary.

D.3 Vegetated Stormwater Management Devices

D.3.1 Rain Gardens / Bioretention Basins

The rain gardens at the Self-Storage Facility are excavated shallow surface depressions planted with specially-selected native vegetation to treat and capture runoff. The rain garden also has an overflow structure leading to the subsurface infiltration system to handle larger storm volumes. A location map for the rain garden can be found in Section E.5 Maintenance Checklists and Device Location Maps.

The vegetation in the rain gardens serves to filter runoff — improving water quality and reducing runoff quantity — and the root systems can enhance infiltration. The soil medium filters out pollutants and allows storage and infiltration of stormwater runoff; and the infiltration bed provides additional volume control. Properly designed rain gardens may mimic natural forest ecosystems through species diversity, density and distribution of vegetation, and the use of native species, resulting in a system that is resistant to insects, disease, pollution, and climatic stresses.

Rain gardens require routine maintenance (similar to conventional landscaping maintenance) to ensure that the system both functions well as a stormwater management practice while also maintaining an aesthetic quality compatible with the surrounding land uses.

Replacement of mulch is an important part of rain garden maintenance. Mulch keeps the soil moist, allowing for easy infiltration of rain water. Un-mulched surfaces may develop into a hardpan, a condition in which the soil surface becomes cemented together, forming a hard, impervious layer. Mulching also protects plants and reduces weed growth.

Initial Post-Construction Inspection

- During the initial period of vegetation establishment pruning and weeding are required twice in first year by contractor.
- Any dead vegetation found after the first year must be replaced.
- Proper mulching is mandatory and regular watering may be required initially to ensure proper establishment of new vegetation.

Long-Term Maintenance

- Weeds and invasive plant species shall be removed by hand.
- Leaf litter and other detritus shall be removed twice per year.
- If needed to maintain aesthetic appearance, perennial plantings may be trimmed at the end of the growing season.
- Trees and shrubs should be inspected twice per year to evaluate health and attended to as necessary.
- Re-mulch rain gardens with well aged hardwood mulch to a depth of 3 inches each spring or whenever erosion is evident. The entire area may require mulch replacement once every two to three years. Mulch depth shall not exceed 3 inches and the depth of the depression shall not be compromised by the accumulation of vegetation or old mulch.
- Seeded ground cover or grass areas shall not receive mulching.
- Fertilizers should not be used in the rain garden as excessive nutrients in the rain garden may migrate to the underdrain and be discharged to adjacent surface waters.
- Test pH of the soils in the planting bed annually. If the pH is below 5.2, limestone should be applied to increase it. If the pH is above 8.0, iron sulfate plus sulfur should be added to reduce it.
- Rain gardens may require watering during periods of extended drought.

Inspections and Cleaning

- Rain gardens shall be inspected twice during for the first year and annually thereafter for sediment buildup, erosion, vegetative conditions, etc. If sediment build-up is found, sediment removal and core aeration or cultivating of un-vegetated areas may be required to ensure adequate filtration.

- The inflow location should be inspected annually for clogging. Sediment build up is a common problem where runoff leaves an impervious surface and enters a vegetative or earthen surface. Any built-up sediment should be removed to prevent runoff from bypassing the facility. Sources of sediment should be prevented.
- The overflow structure and underdrain standpipes should be inspected annually to ensure that they are functioning.
- Inspect rain gardens after a large storm event to ensure that proper drainage is occurring. Water that remains ponded on the surface of the rain garden after 48 hours of dry weather could indicate a problem with the subsurface drainage system or clogging of the underdrain. While the plants selected for the rain garden are tolerant of wet soils, they are not wetland species that can survive long periods of inundation. Immediate attention is required to prevent the loss of plant materials.

D.3.2 Vegetated Areas Maintenance

Although not a structural component of the drainage system, the maintenance of vegetated areas may affect the functioning of the stormwater management system. This includes the health/density of vegetative cover and activities such as the application and disposal of lawn and garden care products, disposal of leaves and yard trimmings and proper aeration of soils.

- Inspect planted areas on a semi-annual basis and remove any litter.
- Maintain planted areas adjacent to pavement to prevent soil washout.
- Immediately clean any soil deposited on pavement.
- Re-seed bare areas; install appropriate erosion control measures when native soil is exposed or erosion channels are forming.
- Plant alternative mixture of grass species in the event of unsuccessful establishment.
- The grass vegetation should be cut to a height between three and four inches.
- Pesticide/Herbicide Usage – No pesticides are to be used unless a single spot treatment is required for a specific control application.
- Fertilizer usage should be avoided. If deemed necessary, slow release fertilizer should be used. Fertilizer may be used to begin the establishment of vegetation in bare or damaged areas, but should not be applied on a regular basis unless necessary.
- Annual application of compost amendments and aeration are recommended.

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Section E: Operations and Maintenance Plan Summary

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E Operations and Maintenance Plan Summary

This Operation and Maintenance Plan has been prepared in accordance with the Stormwater Management Policy developed by the DEP and CZM and local regulations as applicable. It specifies operational practices and drainage system maintenance requirements for the the Self-Storage Facility redevelopment. Requirements should be adjusted by the site manager as necessary to ensure successful functioning of system components.

E.1 Routine Maintenance Checklists

Routine required maintenance is described in Sections A – D. The following checklists are to be used by the property manager to implement and document the required maintenance and inspection tasks.

E.2 Reporting and Documentation

The site supervisor shall be responsible for ensuring that the scheduled tasks as described in this plan are appropriately completed and recorded in the Maintenance Log. Accurate records of all inspections, routine maintenance and repairs shall be documented and these records shall be available for inspection by members of the Town of Arlington Conservation Commission or other designated body, or their designated agent, upon request.

The Maintenance Log shall:

- Document the completion of required maintenance tasks.
- Identify the person responsible for the completion of tasks.
- Identify any outstanding problems, malfunctions or inconsistencies identified during the course of routine maintenance.
- Document specific repairs or replacements.

E.3 Construction Practices Maintenance/ Evaluation Checklist

Self-Storage Facility – Arlington, Massachusetts

Best Management Practice	Inspection Frequency	Date Inspected	Inspector Initials	Minimum Maintenance and Key Items to Check	Cleaning or Repair Needed ☐Yes/No (List Items)	Date of Cleaning or Repair	Performed by:
Compost Filter Tube/Hay Bales/ Silt Fencing	Weekly and after any rainfall			Sediment build up, broken or damaged tubes, bales or stakes			
Gravel Construction Entrance	Weekly and after any rainfall			Filled voids, runoff/sediments into street			
Catch Basin Protection	Weekly and after any rainfall			Clogged or sediment build-up at surface or in basin			
Containment Berm	Weekly and after any rainfall			Maintained, moved as necessary to correct locations, Check for erosion or breakout			
Diversion Channels	Weekly and after any rainfall			Maintained, moved as necessary to correct locations, Check for erosion or breakout			
Temporary Sedimentation Basins	Weekly and after any rainfall			Cracking, erosion, breakout, sediment buildup, contaminants			

Stormwater Control Manager: _____

E.4 Long-term Maintenance/Evaluation Checklist

Self-Storage Facility – Arlington, Massachusetts

Best Management Practice	Minimum Maintenance and Key Items to Check	Inspection Frequency	Date Inspected	Inspector Initials	Cleaning Frequency	Cleaning or Repair Needed ☐Yes/No	Date of Cleaning or Repair	Performed by:
Street Sweeping	Vacuum sweeper	4X per year			4X per year* minimum			
Outfall Structures	Remove debris and excess vegetation, replace any dislodged riprap	1X per year			1X per year			
Deep Sump and Hooded Catch basins	Remove sediment 1X per year or if >6 inches	4X per year			1X per year or as necessary			
Subsurface Infiltration Basins	Remove sediment 1X per year or if >6 inches	1X per year			1X per year			
Rain Gardens/ Bioretention Basins	Inspect inlets, vegetation, overflow discharge pipes, drain time less than 4 days	2X per year first year, annually thereafter			2X per year first year, annually thereafter			
Roof Drains	Remove debris, clean inlets draining to subsurface bed	4x per year roof inspection			2x per year inlet cleaning, roof debris as necessary			

* Recommend sweeping Oct/Nov, Feb/Mar, Apr/May Jul/Aug with late winter most important

Stormwater Control Manager: _____

E.5 Maintenance Checklists and Device Location Maps

These checklists are provided for the maintenance crew to photocopy and use when conducting inspections and cleaning activities to the stormwater management systems.

Maintenance Checklists

Catchbasins – Inspect 4 times per year, clean when sediment depth >6 inches or at least once per year.

Catch Basin / Area Drains	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
CB 1				/ /	
AD 1				/ /	
AD-2				/ /	

Outfalls – Inspect 4 times per year, replace any dislodged rip-rap, remove excess vegetation, remove any debris.

Outfall	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
OF 1				/ /	

Infiltration Basins – Inspect once per year, remove sediment if more than 6 inches has accumulated in isolator row and as per manufacturers recomendations.

Basin	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
IB 1				/ /	

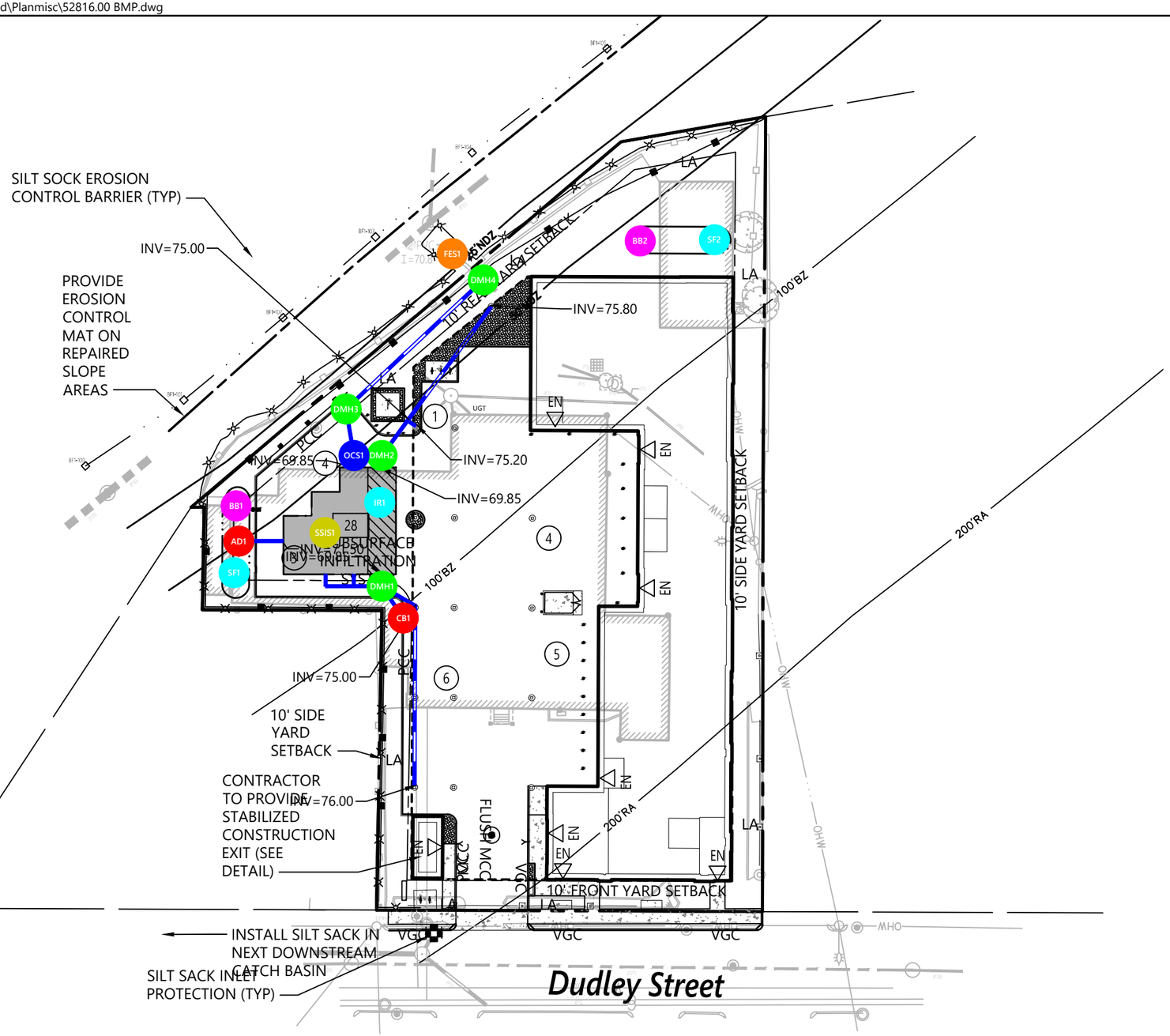
Rain Gardens/Bioretention Basins – Inspect twice during first year and annually thereafter for sediment buildup, erosion, vegetative conditions, etc. If sediment build-up is found, core aeration or cultivating of unvegetatd areas may be required to ensure adequate filtration. The overflow should be inspected annually to ensure that it is functioning.

Bioretention Basin	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
BB 1				/ /	
BB 2				/ /	

Roof Runoff Downspouts – Inspect roof drains monthly, clean inlets draining to the subsurface bed twice per year.

Bldg #	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
Bldg 1				/ /	

Device Location Map



Legend

- CB = CATCH BASIN
  AD = AREA DRAIN
- OCS — OUTLET CONTROL STRUCTURE
- SSIS — SUBSURFACE INFILTRATION SYSTEM
- DMH — DRAINAGE MANHOLES
- FES — FLARED END SECTION / OUTFALL
- BB — BIORETENTION BASIN
- IR = ISOLATOR ROW
  SF = SEDIMENT FOREBAY
- DRAINAGE PIPES

0 50 100 Feet

Proposed Self Storage Facility
34 Dudley Street
Arlington, MA
Project #: 52816.00

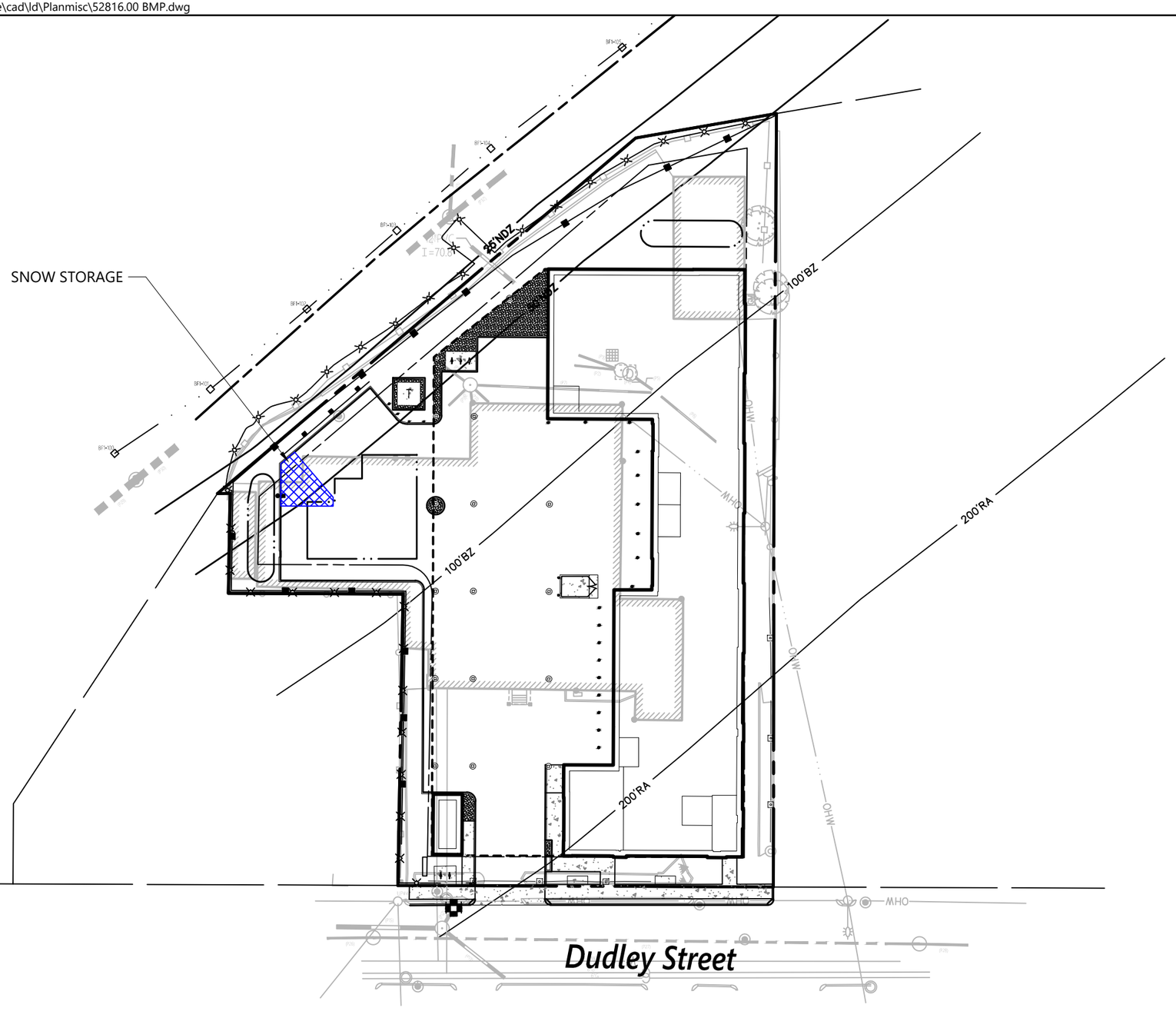
Figure 1

02/09/2022
REV 04/21/2022

Wednesday, April 20, 2022 3:30:07 PM MADAMS Plotted Wednesday, April 20, 2022 3:38:34 PM Muriel Adams

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Snow Storage Areas Map



Legend

SNOW STORAGE AREA

Plotted Wednesday, February 9, 2022 2:14:03 PM MADAMS Plotted Wednesday, April 20, 2022 3:29:11 PM Muriel Adams

0 50 100 Feet

Proposed Self Storage Facility
34 Dudley Street
Arlington, MA
Project #: 52816.00

Figure 2

02/09/2022
REV 04/21/2022

Section F: Product Literature

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F Product Literature

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StormTech MC-4500 Chamber

Designed to meet the most stringent industry performance standards for superior structural integrity while providing designers with a cost-effective method to save valuable land and protect water resources. The StormTech system is designed primarily to be used under parking lots, thus maximizing land usage for commercial and municipal applications.



StormTech MC-4500 Chamber (not to scale)

Nominal Chamber Specifications

Size (L x W x H)	52" (1321 mm) x 100" (2540 mm) x 60" (1524 mm)
Chamber Storage	106.5 ft³ (3.01 m³)
Min. Installed Storage*	192.0 ft³ (4.60 m³)
Weight	120 lbs (54.4 kg)

*This assumes a minimum of 12" (300 mm) of stone above, 9" (230 mm) of stone below chambers, 9" (230 mm) between chambers/end caps and 40% stone porosity.

StormTech MC-4500 End Cap (not to scale)

Nominal Chamber Specifications

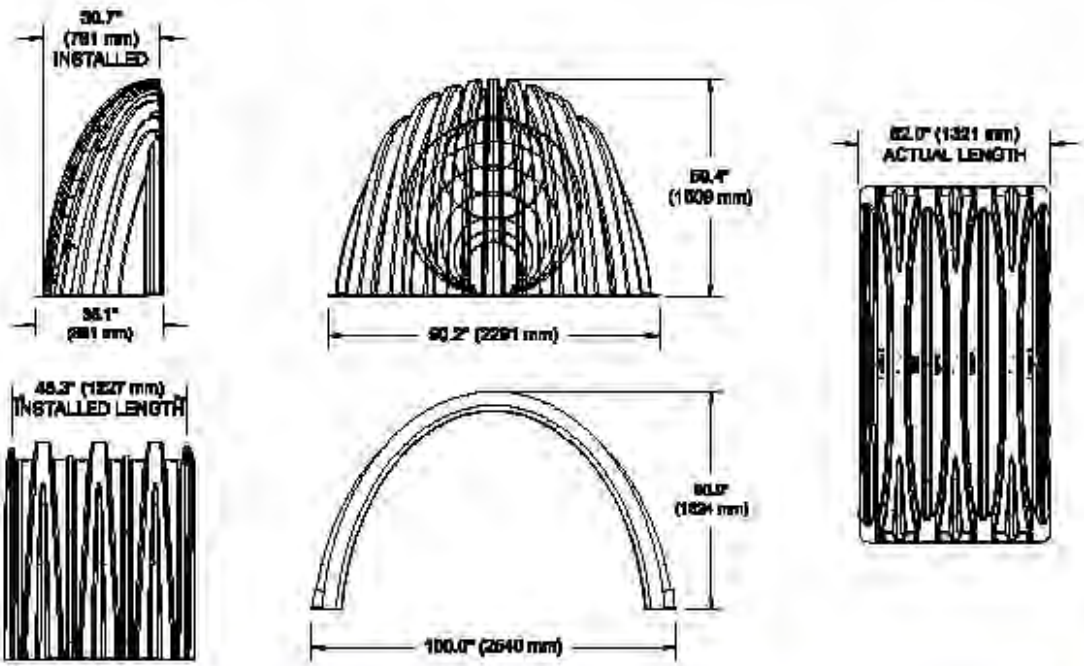
Size (L x W x H)	35.1" (891 mm) x 90.2" (2291 mm) x 59.4" (1509 mm)
Chamber Storage	35.7 ft³ (1.01 m³)
Min. Installed Storage*	104.7 ft³ (2.96 m³)
Weight	129 lbs (58.4 kg)

*This assumes a minimum of 12" (300 mm) of stone above, 9" (230 mm) of stone below, 6" (150 mm) of stone perimeter, 9" (230 mm) between chambers/end caps and 40% stone porosity.

Shipping

7 chambers/pallet

11 pallets/truck



StormTech MC-4500 Chamber

Storage Volume Per Chamber/End Cap ft³ (m³)

	Bare Unit Storage ft³ (m³)	Chamber/End Cap and Stone Volume — Stone Foundation Depth in. (mm)			
		9 (230)	12 (300)	15 (375)	18 (450)
MC-4500 Chamber	106.5 (3.02)	162.6 (4.60)	166.3 (4.71)	169.9 (4.81)	173.6 (4.91)
MC-4500 End Cap	35.7 (1.01)	108.7 (3.08)	111.9 (3.17)	115.2 (3.26)	118.4 (3.35)

NOTE: Assumes 9" (230 mm) row spacing, 40% stone porosity, 12" (300 mm) stone above and includes the bare chamber/end cap volume. End cap volume assumes 12" (300 mm) stone perimeter.

Amount of Stone Per Chamber

ENGLISH tons (yd³)	Stone Foundation Depth			
	9"	12"	15"	18"
MC-4500	7.4 (5.2)	7.8 (5.5)	8.3 (5.9)	8.8 (6.2)
End Cap	9.6 (6.8)	10.0 (7.1)	10.4 (7.4)	10.9 (7.7)
METRIC kg (m³)	230 mm	300 mm	375 mm	450 mm
MC-4500	6681 (4.0)	7117 (4.2)	7552 (4.5)	7987 (4.7)
End Cap	8691 (5.2)	9075 (5.4)	9460 (5.6)	9845 (5.9)

NOTE: Assumes 12" (300 mm) of stone above, and 9" (230 mm) row spacing, and 12" (300 mm) of perimeter stone in front of end caps.

Volume of Excavation Per Chamber/End Cap yd³ (m³)

	Stone Foundation Depth			
	9" (230 mm)	12" (300 mm)	15"(375 mm)	18"(450 mm)
MC-4500	10.5 (8.0)	10.8 (8.3)	11.2 (8.5)	11.5 (8.8)
End Cap	9.3 (7.1)	9.6 (7.3)	9.9 (7.6)	10.2 (7.8)

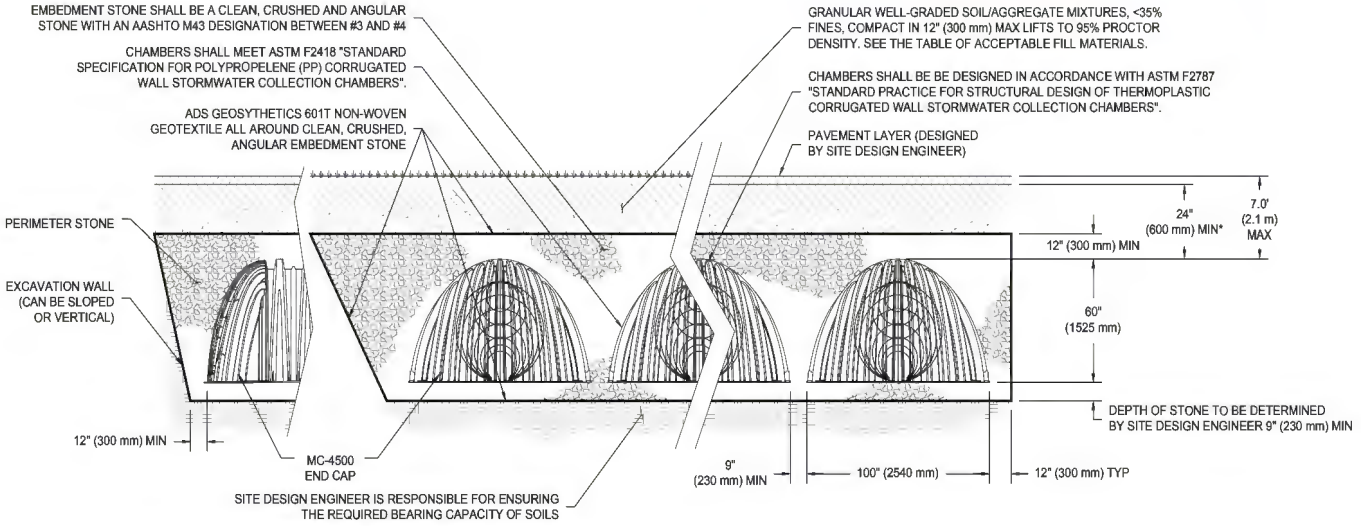
NOTE: Assumes 9" (230 mm) separation between chamber rows, 12" (300 mm) of perimeter in front of end caps, and 24" (600 mm) of cover. The volume of excavation will vary as the depth of cover increases.







General Cross Section



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Special applications will be considered on a project by project basis. Please contact our application department should you have a unique application for our team to evaluate.

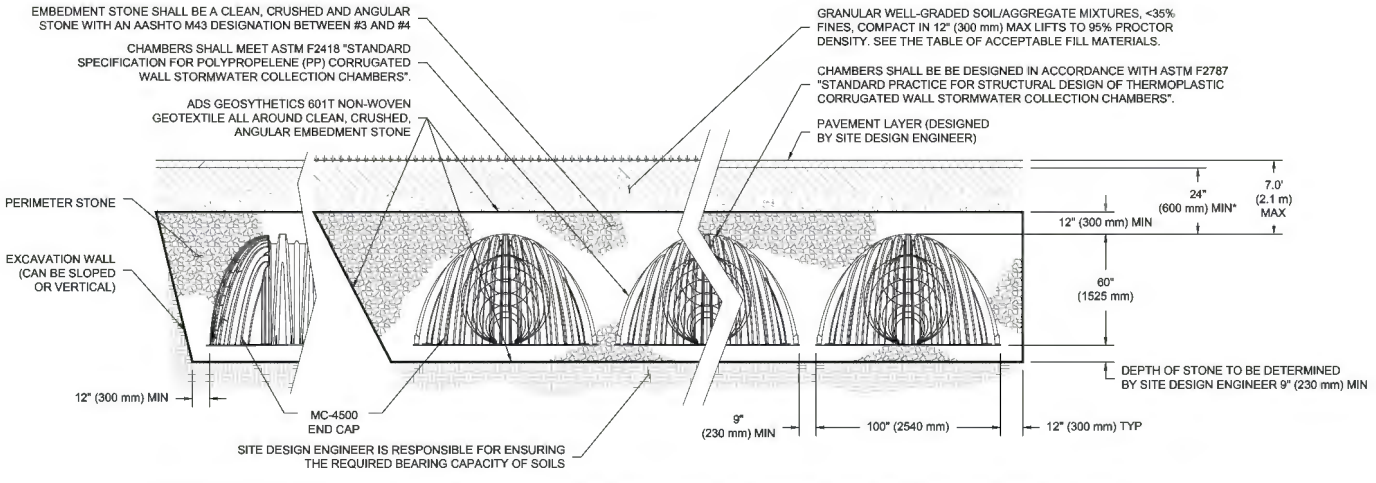
2.0 Foundations for Chambers

TABLE 2—MC-4500 Minimum Required Foundation Depth in inches (millimeters)
Assumes 9" (230 mm) row spacing.

Cover Hgt. ft. (m)	Minimum Bearing Resistance for Service Loads ksf (kPa)																								
	4.4 (211)	4.3 (206)	4.2 (201)	4.1 (196)	4.0 (192)	3.9 (187)	3.8 (182)	3.7 (177)	3.6 (172)	3.5 (168)	3.4 (163)	3.3 (158)	3.2 (153)	3.1 (148)	3.0 (144)	2.9 (139)	2.8 (134)	2.7 (129)	2.6 (124)	2.5 (120)	2.4 (115)	2.3 (110)	2.2 (105)	2.1 (101)	2.0 (96)
2.0 (0.61)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)
2.5 (0.76)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	18 (450)	18 (450)	24 (600)
3.0 (0.91)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)
3.5 (1.07)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)
4.0 (1.22)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)
4.5 (1.37)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)
5.0 (1.52)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	36 (900)
5.5 (1.68)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)
6.0 (1.83)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)	36 (900)
6.5 (1.98)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)	36 (900)	42 (1050)
7.0 (2.13)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)	36 (900)	42 (1050)	42 (1050)

NOTE: The design engineer is solely responsible for assessing the bearing resistance (allowable bearing capacity) of the subgrade soils and determining the depth of foundation stone. Subgrade bearing resistance should be assessed with consideration for the range of soil moisture conditions expected under a stormwater system.

FIGURE 10B—MC-4500 Structural Cross Section Detail (Not to Scale)



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Special applications will be considered on a project by project basis. Please contact our applications department should you have a unique application for our team to evaluate.

3.1 Foundation and Embedment Stone

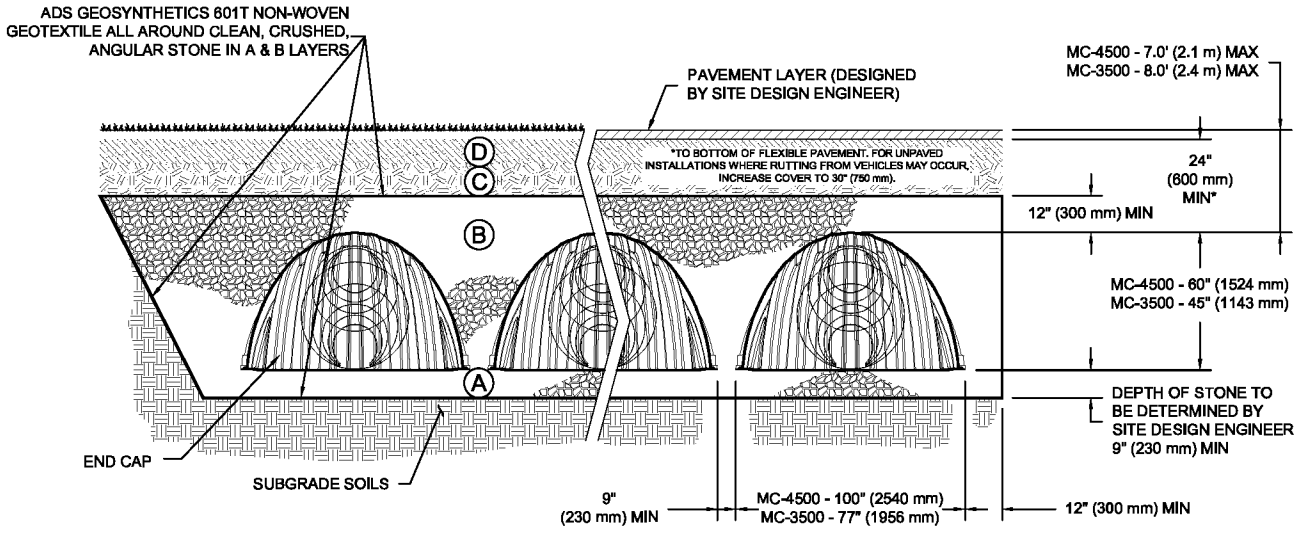
The stone surrounding the chambers consists of the foundation stone below the chambers and embedment stone surrounding the chambers. The foundation stone and embedment stone are important components of the structural system and also provide open void space for stormwater storage. **Table 3** provides the stone specifications that achieve both structural requirements and a porosity of 40% for stormwater storage. **Figure 11** specifies the extents of each backfill stone location.

TABLE 3—Acceptable Fill Materials

	MATERIAL LOCATION	DESCRIPTION	AASHTO DESIGNATION	COMPACTION/DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1,A-2-4,A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTOINS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDTIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL-GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FORM THE FOUDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	NO COMPACTION REQUIRED
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2 3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.

FIGURE 11—Fill Material Locations



Once layer 'C' is placed, any soil/material can be placed in layer 'D' up to the finished grade. Most pavement subbase soils can be used to replace the materials of layer 'C' or 'D' at the design engineer's discretion.

4.1 GENERAL

StormTech subsurface chamber systems offer the flexibility for a variety of inlet and outlet configurations. Contact the StormTech Technical Services Department or your local StormTech representative for assistance configuring inlet and outlet connections.

The open graded stone around and under the chambers provides a significant conveyance capacity ranging from approximately 0.8 cfs (23 l/s) to 13 cfs (368 l/s) per MC-3500 chamber and 0.54 cfs (15 l/s) to 8.5 cfs (240 l/s) for the MC-4500 chamber. The actual conveyance capacity is dependent upon stone size, depth of foundation stone and head of water. Although the high conveyance capacity of the open graded stone is an important component of the flow network, StormTech recommends that a system of inlet and outlet manifolds be designed to distribute and convey the peak flow through the chamber system.

It is the responsibility of the design engineer to provide the design flow rates and storage volumes for the stormwater system and to ensure that the final design meets all conveyance and storage requirements. However, StormTech will work with the design engineer to assist with manifold and chamber layouts that meet the design objectives.

4.2 THE ISOLATOR® ROW

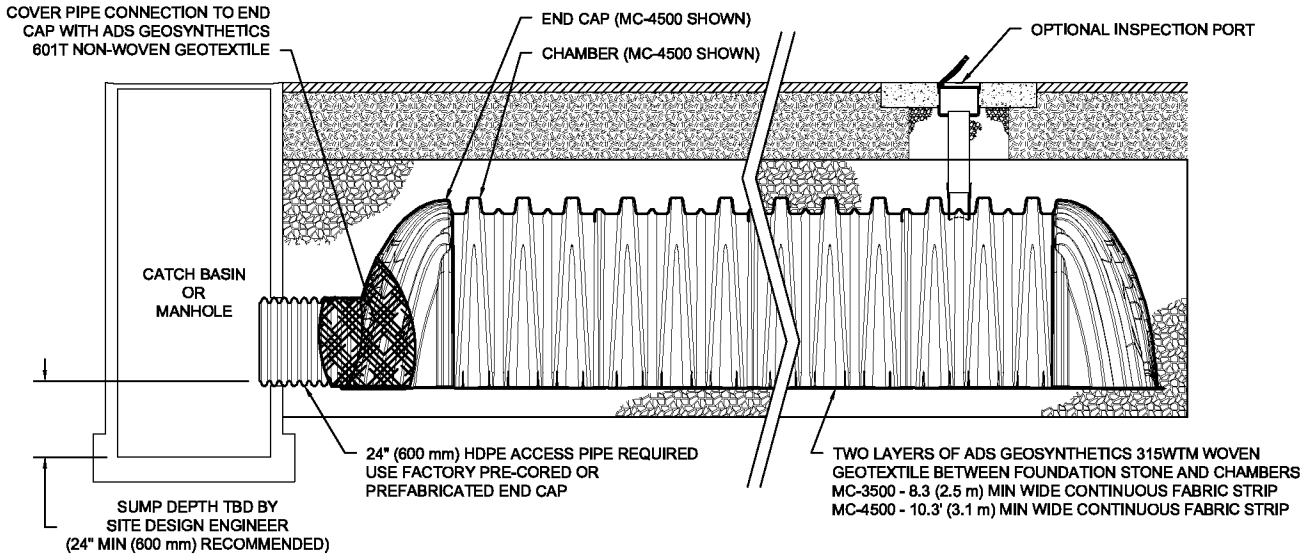
The Isolator Row is a patented system that inexpensively captures total suspended solids (TSS) and debris and provides easy access for inspection and maintenance. A double layer of woven geotextile between the bottom of the chambers and the foundation stone provides the filter media that satisfies most contaminant removal objectives. Each installed MC-3500 chamber and MC-3500 end cap provides 42.9 ft2 (4.0 m2) and 7.5 ft2 (0.7 m2) of bottom filter area respectively. Each installed MC-4500 chamber and MC-4500 end cap provides 30.1 ft² (2.80 m²) and 12.8 ft² (1.19 m²) of bottom filter area respectively.

The Isolator Row can be configured for maintenance objectives or, in some regulatory jurisdictions, for water quality objectives. For water quality applications, Isolator Rows can be sized based on water quality volume or flow rate.

All Isolator Rows require: 1) a manhole for maintenance access, 2) a means of diversion of flows to the Isolator Row and 3) a high flow bypass. Flow diversion can be accomplished by either a weir in the upstream access manhole or simply by feeding the Isolator Row at a lower elevation than the high flow bypass. Contact StormTech for assistance sizing Isolator Rows.

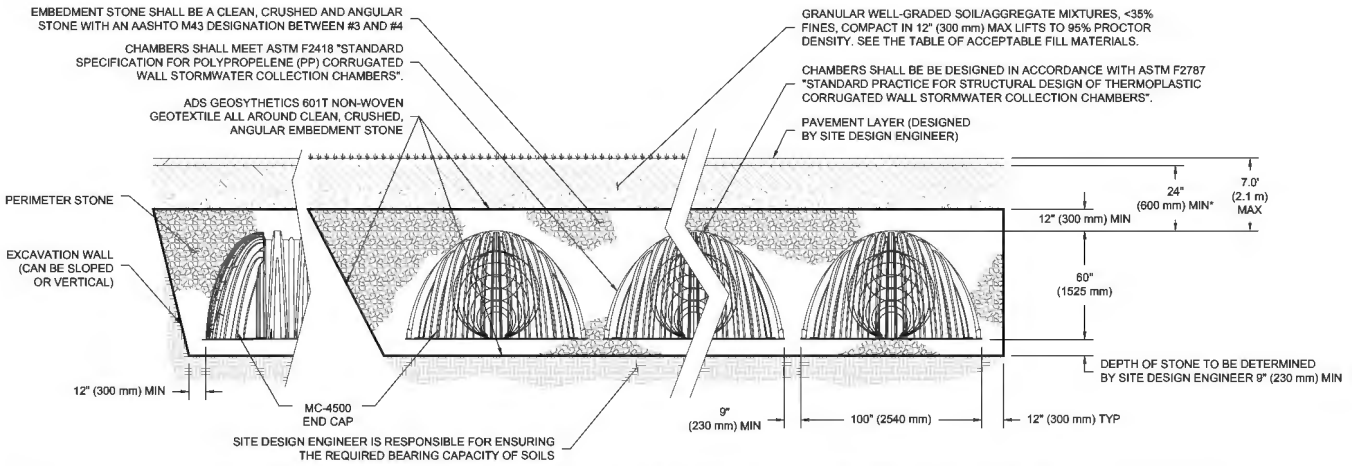
When additional stormwater treatment is required, StormTech systems can be configured using a treatment train approach where other stormwater BMPs are located in series.

FIGURE 12—StormTech Isolator Row Detail



7.0 Structural Cross Sections and Specifications

FIGURE 16—MC-4500 Structural Cross Section Detail (Not to Scale)



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Special applications will be considered on a project by project basis. Please contact our application department should you have a unique application for our team to evaluate.

MC-4500 STORMWATER CHAMBER SPECIFICATIONS

1. Chambers shall be StormTech MC-4500 or approved equal.
2. Chambers shall be made from virgin, impact-modified polypropylene copolymers.
3. Chamber rows shall provide continuous, unobstructed internal space with no internal panels that would impede flow.
4. The structural design of the chambers, the structural backfill and the installation requirements shall ensure that the load factors specified in the AASHTO LRFD Bridge Design Specifications, Section 12.12 are met for: 1) long-duration dead loads and 2) short-duration live loads, based on the AASHTO Design Truck with consideration for impact and multiple vehicle presences.
5. Chambers shall meet the requirements of ASTM F 2418, "Standard Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers."
6. Chambers shall conform to the requirements of ASTM F 2787, "Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers."
7. Only chambers that are approved by the engineer will be allowed. The contractor shall submit (3 sets) of the following to the engineer for approval before delivering chambers to the project site:
   - A structural evaluation by a registered structural engineer that demonstrates that the load factors specified in the AASHTO LRFD Bridge Design Specifications, Section 12.12 are met. The 50-year creep modulus data specified in ASTM F 2418 must be used as part of the AASHTO structural evaluation to verify long-term performance.
   - Structural cross section detail on which the structural cross section is based.
8. The installation of chambers shall be in accordance with the manufacturer's latest Construction Guide.

Detail drawings available in Cad Rev. 2000 format at www.stormtech.com

Water Quality Volume Calculations

Water Quality Volume Calculations

Project	Arlington Self Storage	**Project #**	52816.00
Calculated by	MEA	**Date**	4/20/2022
Checked by	EKG	**Date**	2/7/2022

BASIN #1

Runoff from subcatchment areas PR-1, PR-3, PR-4

Water Quality Storm Runoff Depth	(in)	0.5
Total Impervious Area	(ft^2)	24,150

BASIN WQV:

Required Volume:

Runoff Depth to be Treated (in)	Required Volume (ft^3)
0.5	**1,006**

Provided Volume:

Elevation	Area (ft^2)	Cumulative Volume (ft^3)
69.1	1,341	0
71.6	1,341	**2,192**

** Per MassDEP Treatment Requirement*

TSS Removal Worksheets

TSS Removal Calculation Worksheet

101 Walnut Street
Post Office Box 9151
Watertown, MA 02471
P 617.924.1770

Project Name:	**Arlington Self Storage**	Sheet:	**1 of 2**
Project Number:	**52816.00**	Date:	**Janaury 4, 2022**
Location:	**Arlington, MA**	Computed by:	**SJH**
Discharge Point:	**DP-2**	Checked by:	
Drainage Area(s):	**PR-1, PR-3**		

1. Pre-Treatment prior to Infiltration

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Deep Sump and Hooded Catch Basin	**25%**	**100%**	**25%**	**75%**
Isolator Row	**25%**	**75%**	**19%**	**56%**
	0%	**56%**	**0%**	**56%**

Pre-Treatment TSS Removal = **44%**

2. Total TSS Removal including Pretreatment 1.

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Deep Sump and Hooded Catch Basin	**25%**	**100%**	**25%**	**75%**
Subsurface Infiltration Structure	**80%**	**75%**	**60%**	**15%**
	0%	**15%**	**0%**	**15%**
	0%	**15%**	**0%**	**15%**

* BMP and TSS Removal Rate Values from the MassDEP Stormwater Handbook Vol. 1. Removal rates for proprietary devices are from approved studies and/or manufacturer data (attach study or data source, or remove this sentence if not applicable).

** Equals remaining load from previous BMP (E)

*** Stormceptor sizing calculation gives a TSS removal rate of 87%. To be conservative, 80% removal is used for this calculation (Change name of device and the claimed removal rate shown on the calc. sheet. Remove this sentence if

Treatment Train TSS Removal = **85%**

277 of 1740

101 Walnut Street
Post Office Box 9151
Watertown, MA 02471
P 617.924.1770

TSS Removal Calculation Worksheet

Project Name:	**Arlington Self Storage**	Sheet:	**2 of 2**
Project Number:	**52816.00**	Date:	**February 9, 2022**
Location:	**Arlington, MA**	Computed by:	**MEA**
Discharge Point:	**DP-2**	Checked by:	
Drainage Area(s):	**PR-4**		

1. Pre-Treatment prior to Infiltration

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Sediment Forebay	**25%**	**100%**	**25%**	**75%**
	0%	**75%**	**0%**	**75%**
	0%	**75%**	**0%**	**75%**

Pre-Treatment TSS Removal = **25%**

2. Total TSS Removal including Pretreatment 1.

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Bioretention Area	**90%**	**100%**	**90%**	**10%**
	0%	**10%**	**0%**	**10%**
	0%	**10%**	**0%**	**10%**
	0%	**10%**	**0%**	**10%**

* BMP and TSS Removal Rate Values from the MassDEP Stormwater Handbook Vol. 1. Removal rates for proprietary devices are from approved studies and/or manufacturer data (attach study or data source, or remove this sentence if not applicable).

** Equals remaining load from previous BMP (E)

*** Stormceptor sizing calculation gives a TSS removal rate of 87%. To be conservative, 80% removal is used for this calculation (Change name of device and the claimed removal rate shown on the calc. sheet. Remove this sentence if

Treatment Train TSS Removal = 278 of 1740 **90%**

Appendix E: Standard 7 Supporting Information

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The Project has been designed to comply with all ten of the Stormwater Management Standards. There is no required Standard 7 Supporting Information. This page intentionally left blank.

Appendix F: Standard 8 Supporting Information

Recommended Construction Period Pollution Prevention and Erosion and Sedimentation Controls

Proposed Self Storage Facility Project

34 Dudley Street

Arlington, Massachusetts, 02476

PREPARED FOR

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive, Suite 155
Memphis, TN 38117

PREPARED BY

2 Bedford Farms Drive
Suite 200
Bedford, NH 03110
603.391.3900

February 2022
Revised April 21, 2022

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1

Erosion and Sedimentation Control Plan

As part of the Site Plan Review and Notice of Intent process, an erosion and sedimentation control plan will be developed, and will include measures such as those described below.

Erosion and Sedimentation Control Measures

An Erosion and Sediment Control Plan has been designed to ensure compliance with the MassDEP Stormwater Management Policy and Town of Arlington Bylaws and Regulations. The Project will disturb less than 1-acre of land and not subject to the NPDES General Permit for Stormwater Discharges from Construction Activities. The following minimum performance standards have been included in the Erosion and Sediment Control Plan attached to this report.

1. Erosion control structures will be located at the edge of land disturbances and will be designed so as not to create point discharges onto abutting properties.
2. Dust from all earthmoving activities shall be controlled.
3. Earth materials shall not be deposited onto any roadways.
4. The amount of disturbed area shall be minimized. Natural resources shall protected.
5. Vegetative stabilization measures shall be employed during the Regulated Activity and construction activity as required by the approving authority. All perimeter dikes and slopes, basin or trap embankments shall be stabilized with sod, seed, anchored mulch within seven (7) days of disturbance. All other disturbed areas shall be stabilized with sod, seed and anchored mulch within fourteen (14) days after disturbing activities are ceased.
6. Topsoil shall be stripped from disturbed areas and stockpiled in an approved area and stabilized with a temporary vegetative cover if left more than fifteen (15) calendar days. Perimeter sediment controls shall be installed around stockpiled topsoil.

7. During cold weather months, when seeding and sodding may be impractical, anchored mulch shall be applied as approved.
8. All storm drain inlets shall be protected, and all newly constructed outlets shall be armored in accordance with the above-mentioned guidelines.
9. Perimeter controls shall be used at the site.
10. All construction site entrances and exits shall be stabilized to prevent off-site tracking.
11. Stormwater controls shall be inspected at consistent intervals, including during or immediately after a storm.
12. Construction site operators shall control all construction and waste materials.

The following erosion and sedimentation controls are for use during the earthwork and construction phases of the project. The following controls are provided as recommendations for the site contractor and do not constitute or replace the final Stormwater Pollution Prevention Plan that must be fully implemented by the Contractor and owner in Compliance with EPA NPDES regulations.

Compost Filter Tube (Perimeter Control)

Siltsock shall be installed around the project work limits as perimeter controls. Siltsocks shall be as manufactured by *Filtrexx* or approved equivalent. Approved siltsocks shall be composed of 12 inch diameter biodegradable mesh netting and filled with a compostable material. When installing multiple sections of siltsock, each individual section shall overlap a minimum of 12 inches. Since siltsocks shall be installed on top of the ground, without being trenched in, the Contractor shall install a supplemental compostable material on the up-slope side of the siltsock, in order to prevent the flow of stormwater runoff beneath it.

Siltsocks will be inspected in compliance with the inspection schedule and maintained routinely throughout the duration of the project. The contractor must remove sediment before it accumulates to one-half of the above-ground height of any perimeter control. Additionally, sections of siltsock that appear to be damaged, removed, or of which the stakes have been removed, shall be repaired immediately upon observation.

Hay Bale Barriers

Hay bale barriers will be placed to trap sediment transported by runoff before it reaches the drainage system or leaves the construction site. Bales will be set at least four inches into the existing ground to minimize undercutting by runoff.

Silt Fencing

In areas where high runoff velocities or high sediment loads are expected, hay bale barriers will be backed up with silt fencing. This semi permeable barrier made of a synthetic porous fabric will provide additional protection. The silt fences and hay bale barrier will be replaced as determined by periodic field inspections.

Catch Basin Protection

Newly constructed and existing catch basins will be protected with hay bale barriers (where appropriate) or silt sacks throughout construction.

Gravel and Construction Entrance/Exit

A temporary crushed-stone construction entrance/exit will be constructed. A cross slope will be placed in the entrance to direct runoff to a protected catch basin inlet or settling area. If deemed necessary after construction begins, a wash pad may be included to wash off vehicle wheels before leaving the project site.

Diversion Channels

Diversion channels will be used to collect runoff from construction areas and discharge to either sedimentation basins or protected catch basin inlets.

Temporary Sediment Basins

Temporary sediment basins will be designed either as excavations or bermed stormwater detention structures (depending on grading) that will retain runoff for a sufficient period of time to allow suspended soil particles to settle out prior to discharge. These temporary basins will be located based on construction needs as determined by the contractor and outlet devices will be designed to control velocity and sediment. Points of discharge from sediment basins will be stabilized to minimize erosion.

Temporary Containment Berm

Temporary containment berm to be placed at the top of the existing slope at the southerly (rear) side of the property adjacent to Mill Brook to prevent and runoff during construction from flowing towards Mill Brook over disturbed areas. Contractor shall maintain this berm throughout construction prior to site stabilization. Berm shall be a minimum of one foot tall, one foot wide with 3:1 side slopes. Berm shall be inspected on a weekly basis and after each storm event.

Vegetative Slope Stabilization

Stabilization of open soil surfaces will be implemented within 14 days after grading or construction activities have temporarily or permanently ceased, unless there is sufficient snow cover to prohibit implementation. Vegetative slope stabilization will be used to minimize erosion on slopes of 3:1 or flatter. Annual grasses, such as annual rye, will be used to ensure rapid germination and production of root mass. Permanent stabilization will be completed with the planting of perennial grasses or legumes. Establishment of temporary and permanent vegetative cover may be established by hydro seeding or sodding. A suitable topsoil, good seedbed preparation, and adequate lime, fertilizer and water will be provided for effective establishment of these vegetative stabilization methods. Mulch will also be used

after permanent seeding to protect soil from the impact of falling rain and to increase the capacity of the soil to absorb water.

Maintenance

- The contractor or subcontractor will be responsible for implementing each control shown on the Sedimentation and Erosion Control Plan. In accordance with EPA regulations, the contractor must sign a copy of a certification to verify that a plan has been prepared and that permit regulations are understood.
- The on site contractor will inspect all sediment and erosion control structures periodically and after each rainfall event. Records of the inspections will be prepared and maintained on site by the contractor.
- Silt shall be removed from behind barriers if greater than 6 inches deep or as needed.
- Damaged or deteriorated items will be repaired immediately after identification.
- The underside of hay bales should be kept in close contact with the earth and reset as necessary.
- Sediment that is collected in structures shall be disposed of properly and covered if stored on site.
- Erosion control structures shall remain in place until all disturbed earth has been securely stabilized. After removal of structures, disturbed areas shall be regraded and stabilized as necessary

The sedimentation and erosion control plan is included in project plan set; a reduced version and Erosion Control Maintenance checklist is included here for quick reference.

Spill Prevention and Response Plan

Spill prevention equipment and training will be provided by the Contractor.

Initial Notification

In the event of a spill the facility and/or construction manager or supervisor will be notified immediately.

Facility Manager

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

Construction Manager

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

The supervisor will first contact the Fire Department and then notify the Police Department, the Public Health Commission and the Conservation Commission. The Fire Department is ultimately responsible for matters of public health and safety and should be notified immediately.

Further Notification

Based on the assessment from the Fire Chief, additional notification to a cleanup contractor may be made. The Massachusetts Department of Environmental Protection (DEP) and the EPA may be notified depending upon the nature and severity of the spill. The Fire Chief will be responsible for determining the level of cleanup and notification required. The attached list of emergency phone numbers shall be posted in the main construction/facility office and readily accessible to all employees. A hazardous waste spill report shall be completed as necessary using the attached form.

Emergency Notification Phone Numbers

1. Facility Manager

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

Alternate

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

2. Fire Department

   Emergency: 911

   Business: _____

   Police Department

   Emergency: 911

   Business: _____

3. Cleanup Contractor

   Address: _____

   Phone: _____

4. Massachusetts Department of Environmental Protection

   Emergency: _____

   Northeast Region: _____

5. National Response Center

   Phone: (800) 424-8802

   Alternate U.S. Environmental Protection Agency

   Emergency: (800) 424-8802

   Business: _____

6. Arlington Conservation Commission

   Contact: _____

   Phone: (781) 316-3090

7. Arlington Health Department

   Contact: Natasha Waden (Director)

   Phone: (781) 316-3170

Hazardous Waste / Oil Spill Report

Date	_____	Time	_____	AM / PM	
Exact Location (Transformer #)	_____				
Type of Equipment	_____	Make	_____	Size	_____
S/N	_____	Weather Conditions	_____		
On or near water	☐ Yes ☐ No	If Yes, name of body of water	_____		
Type of chemical/oil spilled	_____				
Amount of chemical/oil spilled	_____				
Cause of spill	_____				
Measures taken to contain or clean up spill	_____				
Amound of chemical/oil recovered	_____	Method	_____		
Material collected as a result of cleanup:					
_____	Drums containing	_____			
_____	Drums containing	_____			
_____	Drums containing	_____			
Location and method of debris disposal:					
_____					
Name and address of any person, firm, or corporation suffering damages:					
_____					
Procedures, method, and precautions instituted to prevent a similar occurrence from recurring:					
_____					
Spill reported to General Office by	_____	Time	_____	AM/PM	
Spill reported to DEP / Natrional Response Center by	_____				
DEP Date	_____	Time	_____	AM/PM	Inspector _____
NRC Date	_____	Time	_____	AM/PM	Inspector _____
Additional comments:	_____				

Assessment – Initial Containment

The supervisor or manager will assess the incident and initiate containment control measures with the appropriate spill containment equipment included in the spill kit kept on-site. A list of recommended spill equipment to be kept on site is included on the following page.

Fire / Police Department:		911
Arlington Health Department:		(781) 316-3170
Arlington Conservation Commission:		(781) 316-3090

Emergency Response Equipment

The following equipment and materials shall be maintained at all times and stored in a secure area for long-term emergency response need.

Supplies		Recommended Suppliers
SORBENT PILLOWS/"PIGS"	2	http://www.newpig.com
SORBENT BOOM/SOCK	25 FEET	Item # KIT276 — mobile container with two pigs, 26 feet of sock, 50 pads, and five pounds of absorbent (or equivalent) http://www.forestry-suppliers.com
SORBENT PADS	50	
LITE-DRI® ABSORBENT	5 POUNDS	
SHOVEL	1	Item # 33934 — Shovel (or equivalent)
PRY BAR	1	Item # 43210 — Manhole cover pick (or equivalent)
GOGGLES	1 PAIR	Item # 23334 — Goggles (or equivalent)
GLOVES – HEAVY	1 PAIR	Item # 90926 — Gloves (or equivalent)

1st. FLOOR GROSS	
9,067 sq.ft. - Storage	
907 sq.ft. - Office	
9,974 sq. ft	TOTAL

BUILDING GROSS	
91,754 sq.ft. - Storage	
907 sq.ft. - Office	
92,858 sq. ft	TOTAL

Data Drop

KP # Keypad

Camera

Alarm System

Speaker

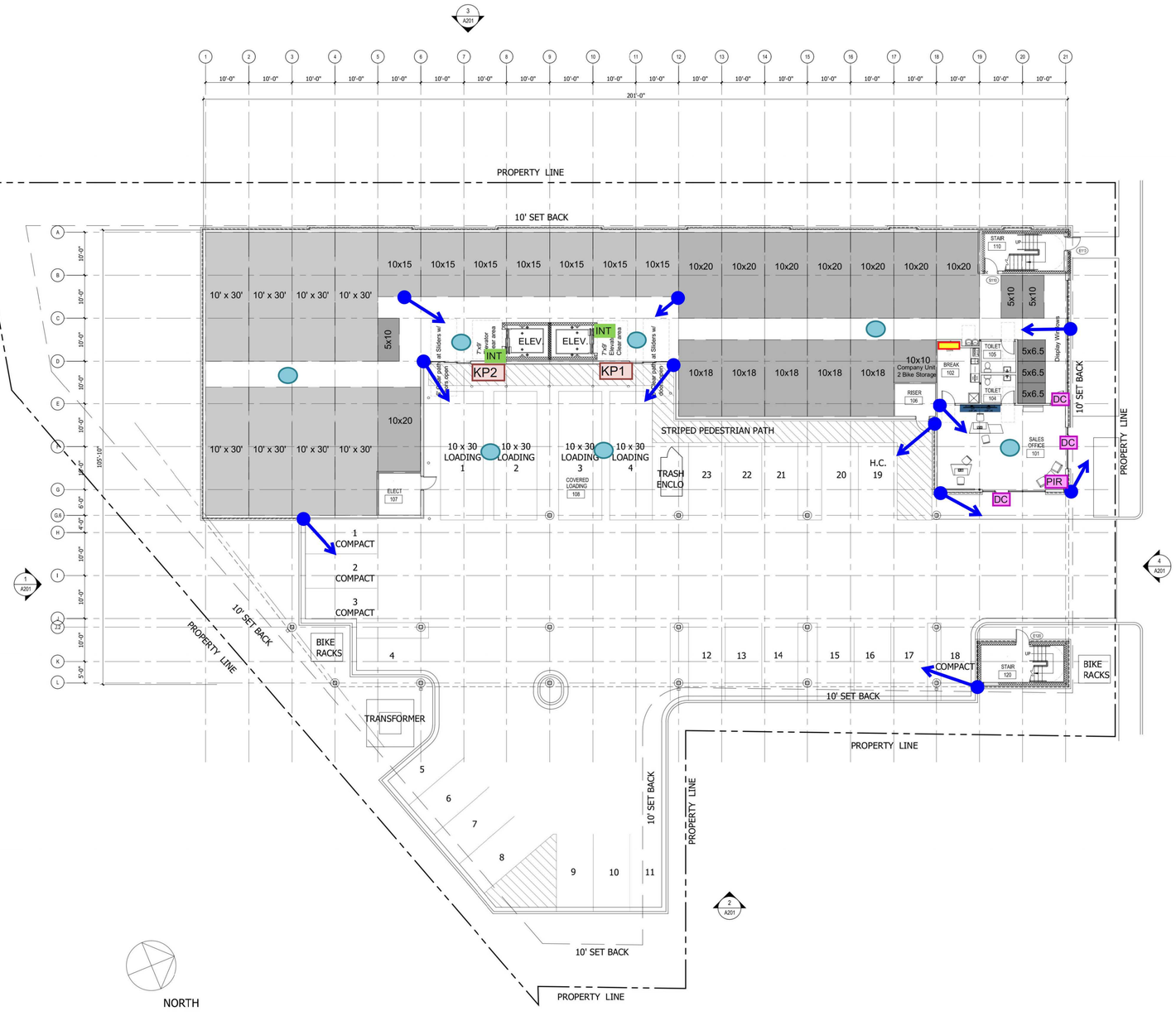
Intercom

Equipment Rack

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2451 Kingston Court, York, PA 17402 | P: 610-873-0067 | F: 610-873-0068
AutomatedSecurityCorp.com



michael parker studios pllc.

13755 thompson place drive
mint hill, nc 28227
704-578-2851

PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

02/09/22

Re-Design
April 12, 2022

REVISIONS

No.	Description	Date

1st. FLOOR PLAN

A-101

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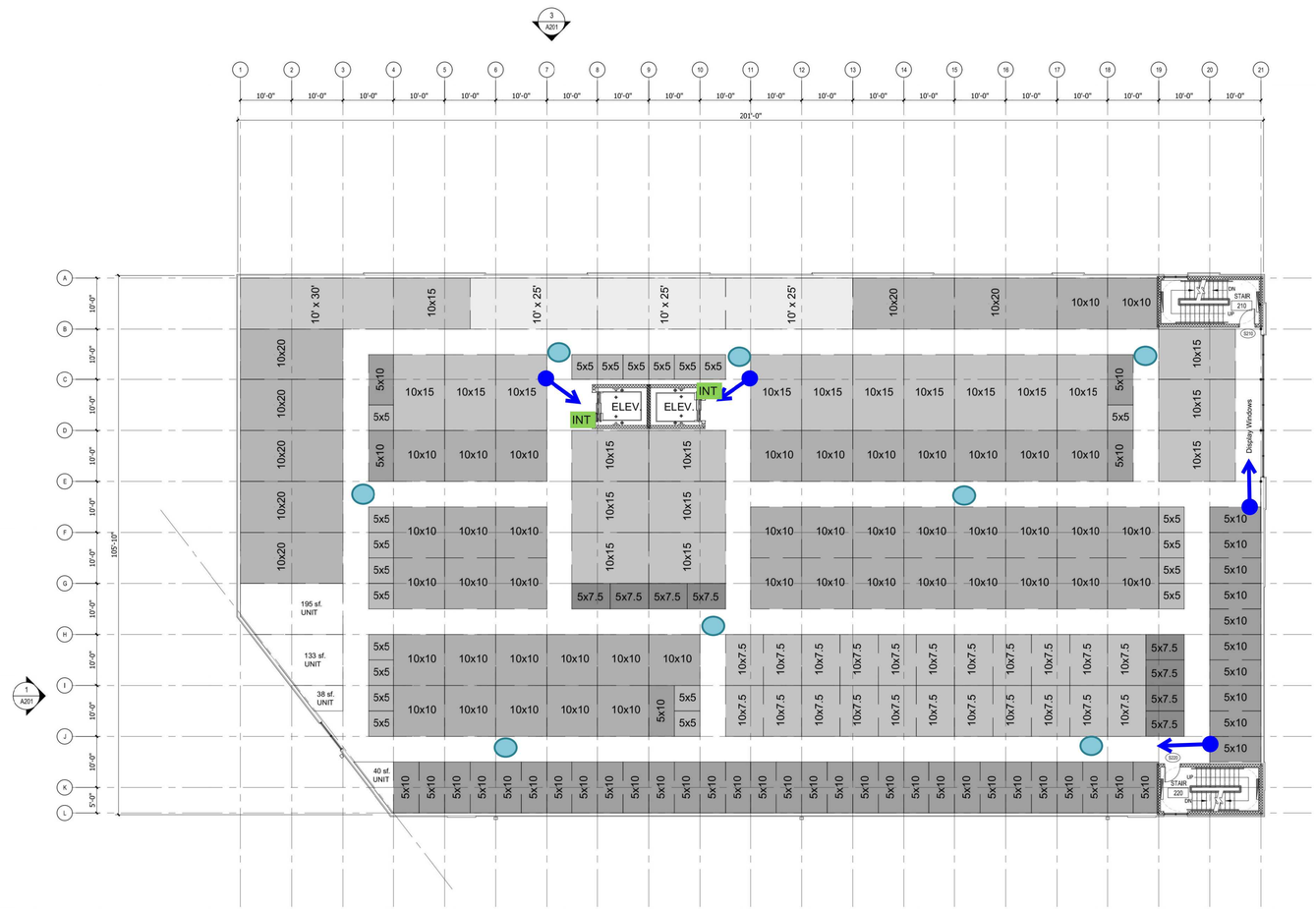
1	1st. FLOOR PLAN	scale: 3/32"=1'-0"

Data Drop
Camera
Speaker
Equipment Rack
KP #
Keypad
Alarm System
Intercom

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2nd. FLOOR GROSS
20,721 sq. ft TOTAL EACH

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mint hill, nc 28227
704-578-2851

PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

02/09/22
Re-Design
April 12, 2022

REVISIONS

No.	Description	Date

2nd. FLOOR PLAN

1 2nd. FLOOR PLAN — scale: 3/32"=1'-0"

A-102

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Data Drop

Keypad

Camera

Alarm System

Speaker

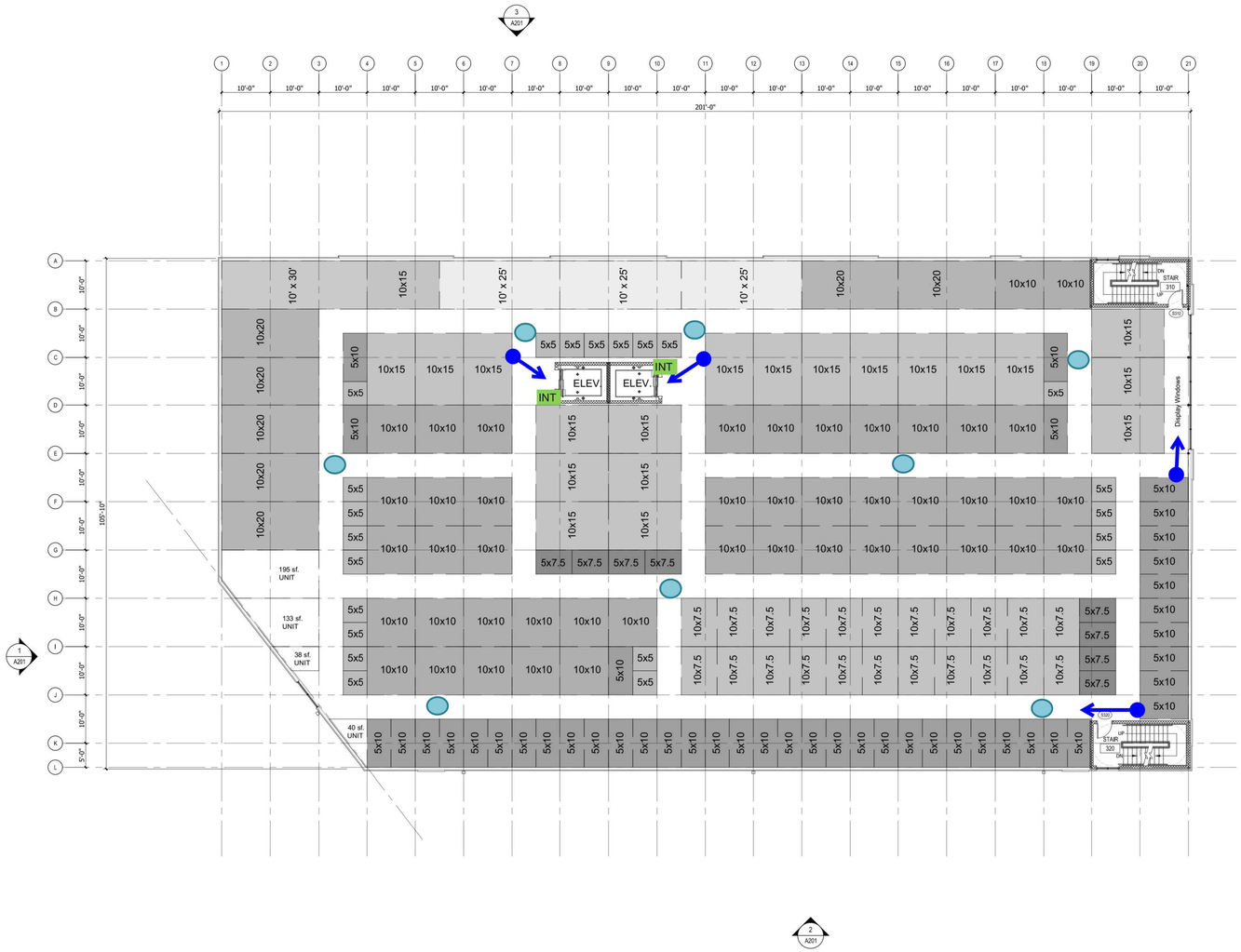
Intercom

Equipment Rack

Provided by:

Automated SECURITY

2451 Kingston Court, York, PA 17402 | P: 610-873-0067 | F: 610-873-0068
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3rd. FLOOR GROSS
20,721 sq. ft TOTAL

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mint hill, nc 28227
704-578-2851

PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

02/09/22

Re-Design
April 12, 2022

REVISIONS

No.	Description	Date

3rd. FLOOR PLAN

1 3rd. FLOOR PLAN — scale: 3/32"=1'-0"

A-103

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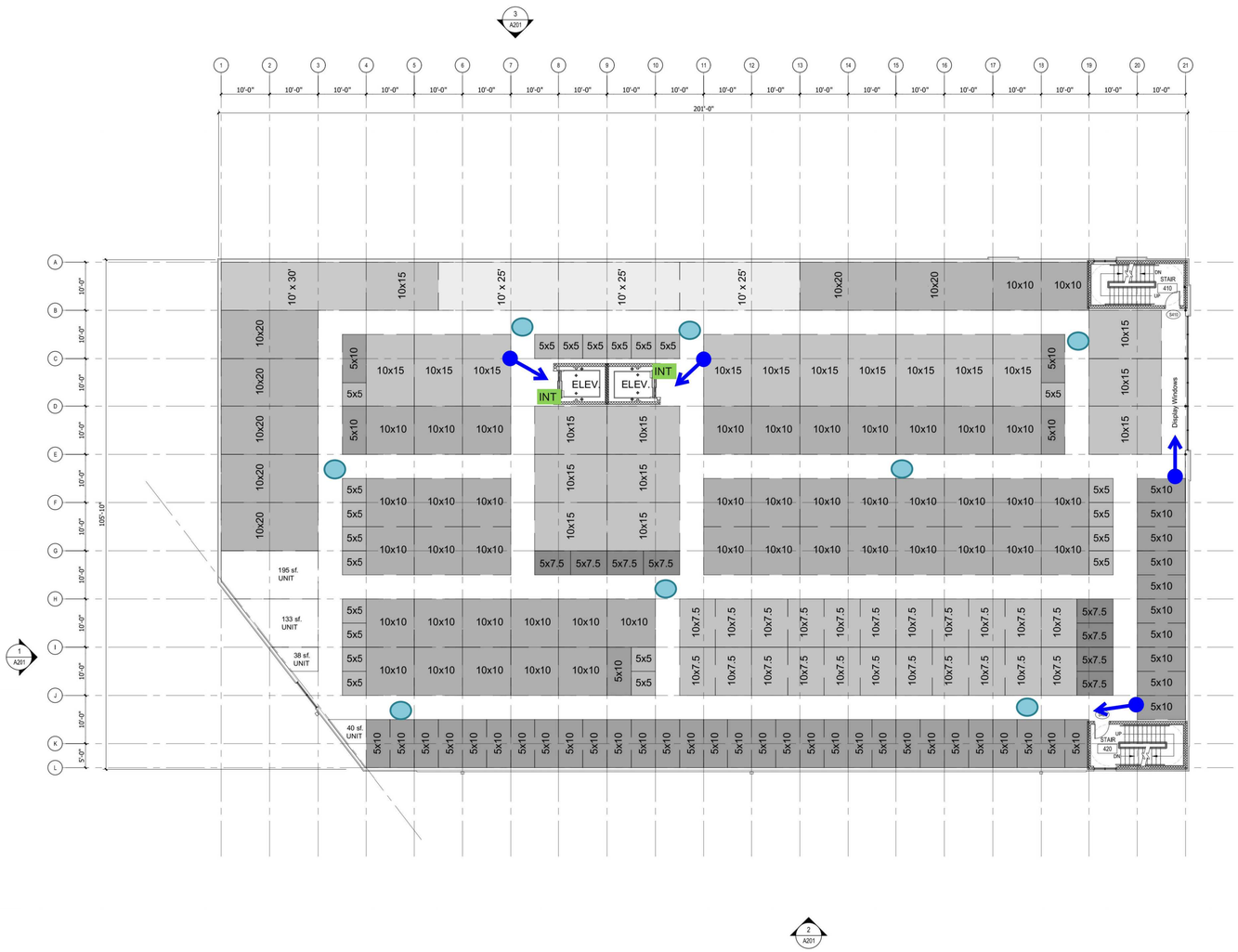
Data Drop | Camera | Speaker | Equipment Rack

KP # Keypad | Alarm System | Intercom

Provided by:

Automated SECURITY

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4th. FLOOR GROSS
20,721 sq. ft TOTAL EACH

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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

02/09/22

Re-Design
April 12, 2022

REVISIONS

No.	Description	Date

4th. FLOOR PLAN

A-104

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1 | 4th. FLOOR PLAN | scale: 3/32"=1'-0"

Data Drop

Camera

Speaker

Equipment Rack

KP # Keypad

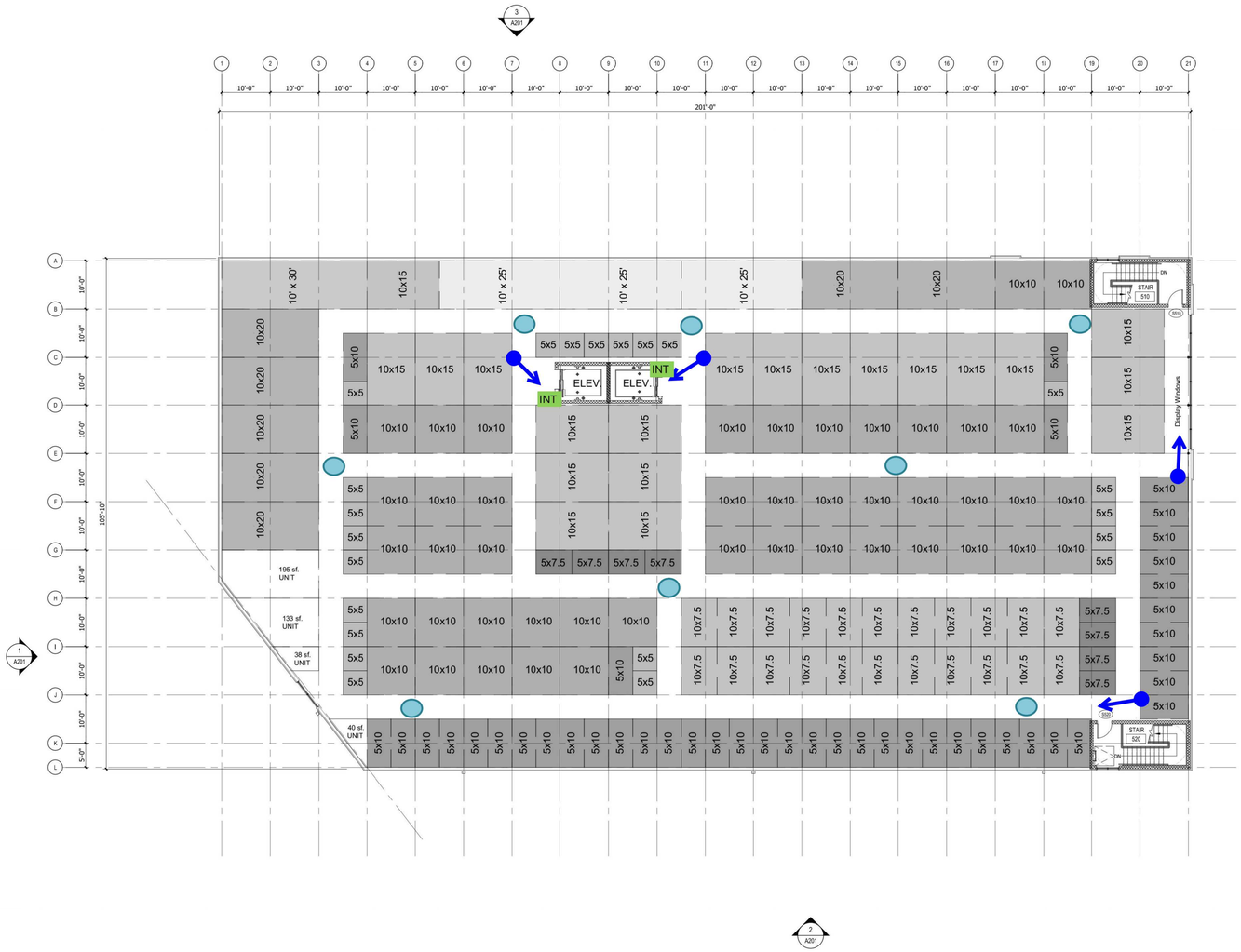
Alarm System

Intercom

Provided by:

Automated SECURITY

2451 Kingston Court, York, PA 17402 | P: 610-873-0067 | F: 610-873-0068
AutomatedSecurityCorp.com



5th. FLOOR GROSS
20,721 sq. ft TOTAL EACH

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mint hill, nc 28227
704-578-2851

PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

02/09/22

Re-Design
April 12, 2022

REVISIONS

No.	Description	Date

5th. FLOOR PLAN

A-105

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1 5th. FLOOR PLAN scale: 3/32"=1'-0"

Channel Letter Sign - East Elevation - Option 1

New channel letters, raceway mounted.

LED illuminated channel letters with ESS Branding
Raceways to match wall color.
Qty-1.
Scale: 3/16”
Sq Ft: 39.4
Sign install at 55’
Code: Max Sq.Ft. 40
Max Install Height 25’

Variance for code discrepancy applied for.



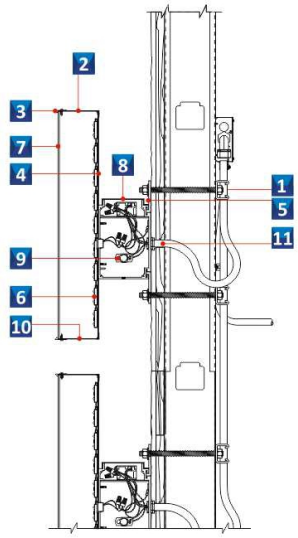


SPECIFICATION

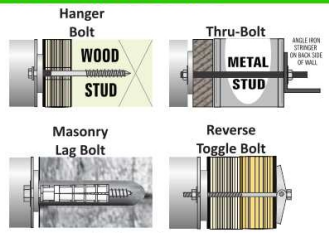
1. NON-CORROSIVE INSTALLATION HARDWARE: GALVANIZED
2. 5” FABRICATED ALUMINUM LETTER RETURNS SEE MFG. NOTE FOR GUAGE. GLOSS BLACK PAINT INTERIOR WITH LIGHT ENHANCING PAINT
3. TRIM CAP RETAINER DOVE GREY
4. FLAT ALUMINUM BACK
5. ¼” THICK METAL FLAT BAR FOR A SECURE INSTALLATION
6. US LED SV3-3-12-W
7. 3/16” #7328 ACRYLIC FACE WHITE
8. LOW VOLTAGE ELECTRONIC POWER SUPPLY MOUNTED IN A 7” x 4 1/2” EXTRUDED .050 ALUM. RACEWAY SUPPORT/WIRING BOX PAINTED TO MATCH WALL COLOR
9. VISIBLE CUT-OFF SWITCH WITH FLIP-UP COVER
10. ¼” WEEP HOLES (2) TWO PER LETTER
11. GROUNDED WALL PASS-THRU SEALED WATER TIGHT. WHIP ON LEFT SIDE.

LISTED
120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

SECTION DETAIL



MOUNTING DETAILS



*All Hardware to be Galvanized and Non Corrosive

MANUFACTURING NOTES

CHANNEL LETTER SETS SMALLER THAN 48” WILL BE CONSTRUCTED USING .040 ALUMINUM RETURNS & .063 ALUMINUM BACKS

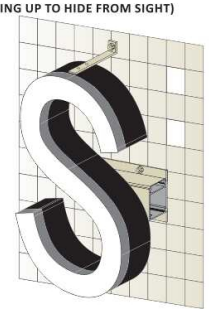
CHANNEL LETTER SETS 48”-71” WILL BE CONSTRUCTED USING .063 ALUMINUM RETURNS & .090 ALUMINUM BACKS

COLOR SCHEDULE

GREEN	#2500-106 BRILLIANT
GREY	DOVE GREY TRIM CAP
BLACK	PMS BLACK #2500-022
WHITE	

BRACING DETAIL

WHEN NEEDED SUPPORTS TO BE .090” ALUMINUM PAINTED TO MATCH RW POP-RIVITED TO RETURN (FACING UP TO HIDE FROM SIGHT)



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Toll Free: (877) 367-3576 • Fax (770) 952-4710

REVISIONS

NO.	COMMENTS	DATE

Client **Extra Space Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **1** of **6**
Drawn By: **DW** Date **03/31/2022**
Approved By: Date

Monument Sign

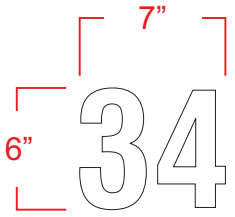
Non-illuminated - pole mount - D/F Monument Sign with white vinyl address numbers on pole skirt.

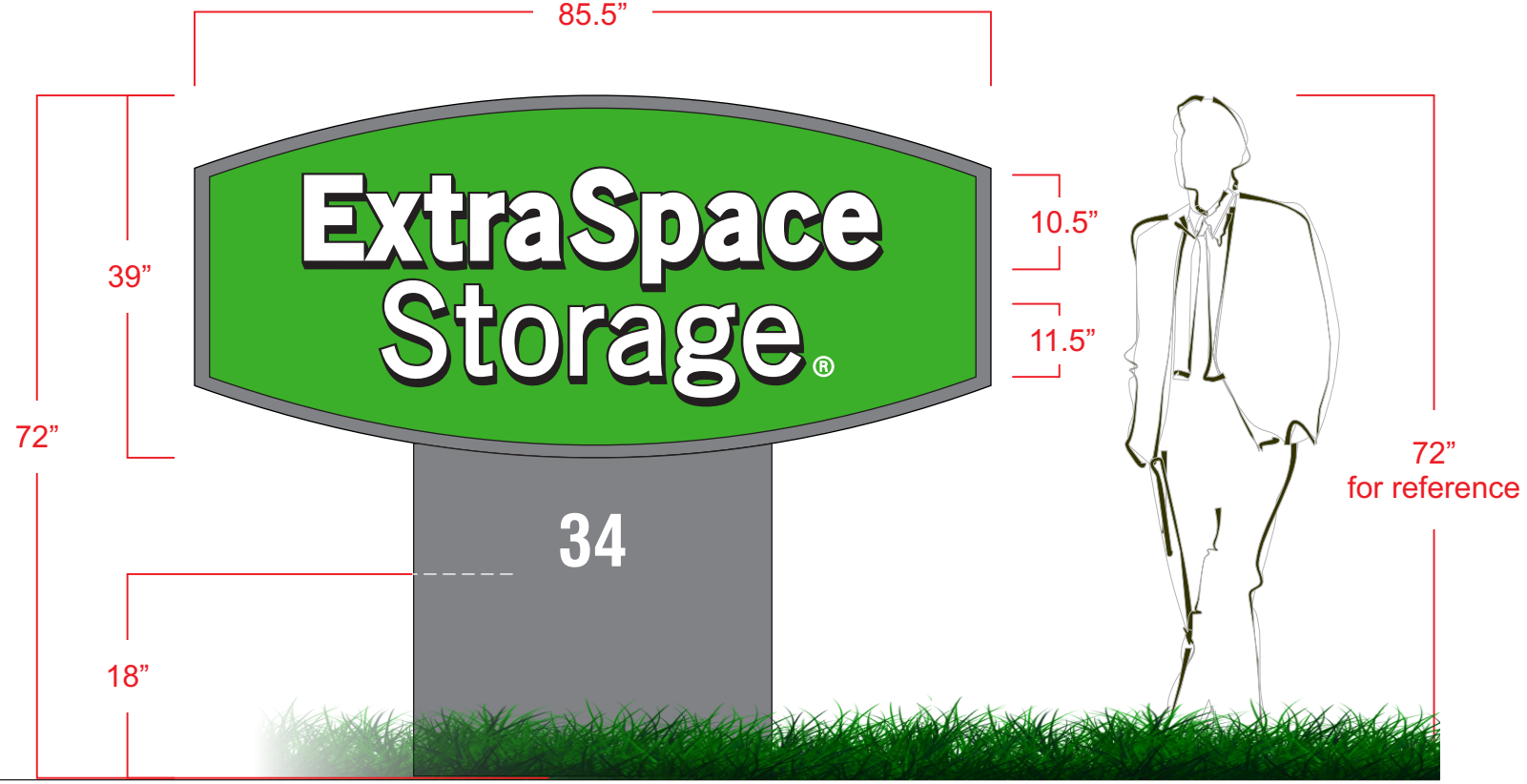
ESS vinyls applied.
Qty-1.
Scale: 1/4"=1'
Sq Ft: 23.2

Note: Max. 24 sq. ft.
Max. 6 ft. to the nearest grade.
Min. 5 ft. setback from property line. Landscape area
Height must be no more than 6' from grade.

Variance for code discrepancy applied for.

White cut vinyl typical both sides.





COLOR SCHEDULE

GREEN #2500-106 ARLON	BLACK PMS BLACK #2500-022 ARLON
WHITE	GREY SW 7067 CITY SCAPE

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REVISIONS

NO.	COMMENTS	DATE

Client **Extra Space Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **4** of **6**
Drawn By: **DW** Date **03/31/2022**
303 of 1740
Approved By: Date

Office Sign

Illuminated S/F Cabinet Sign

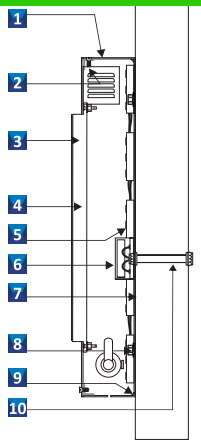
Qty-1.
Scale: 3/16 = 1’
Sq Ft: 2.1
Code: Max Sq.Ft. 40
Max Install Height 25’



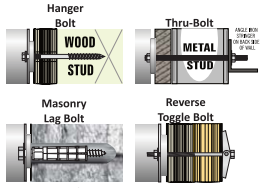
SPECIFICATIONS

1. .080 - 2" DEEP FABRICATED ALUMINUM WIREWAY PAINTED SW 7067 CITY SCAPE GREY
2. COUNTERSUNK SCREW / INTERNAL CLIP ATTACHMENT
3. .080 THICK ROUTED ALUMINUM PLATE FACE
4. ¾" WHITE ACRYLIC, POCKET ROUTED FOR ½" PUSH THROUGH VISIBLE
5. WHITE V180 MINI SLOAN LED DIODE MODULE
6. LOW VOLTAGE ELECTRONIC TRANSFORMER
7. .090” ALUMINUM BACK WELDED TO SIDES
8. 3/8” THREADED RIVETS INSERTED FOR INSTALLATION
9. SILICONE SEAL ALL INTERIOR SEAMS
10. GROUNDED WALL PASS-THRU SEALED WATER TIGHT

SECTION



MOUNTING



*All Hardware to be Galvanized and Non Corrosive



LISTED

120V CIRCUITS ARE REQUIRED FOR ALL SIGNS

COLOR SCHEDULE

GREY	WHITE
SW 7067 CITY SCAPE	

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REVISIONS

NO.	COMMENTS	DATE

Client Extra Space Storage
Address 34 Dudley St, Arlington, MA 02476
Design No. 66665 Store No.
Scale: AS NOTED Sheet 2 of 5
Drawn By: DW Date 03/31/2022
304 of 1740
Approved By: Date



Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476

PHASE I ENVIRONMENTAL SITE ASSESSMENT

OCTOBER 26, 2021

PREPARED FOR:
PSI Atlantic Arlington MA, LLC
530 Oak Court Drive, Suite 155
Memphis, Tennessee 38117

PREPARED BY:
The Vertex Companies, Inc.
400 Libbey Parkway
Weymouth, Massachusetts 02189
PHONE 781.952.6000

VERTEX PROJECT NO: 74303

October 26, 2021

PSI Atlantic Arlington MA, LCL
530 Oak Court Drive, Suite 155
Memphis, Tennessee 38117
Attn: Mr. Jesse Morgan

RE: Phase I Environmental Site Assessment
Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476
VERTEX Project No. 74303

Dear Mr. Morgan:

The Vertex Companies, Inc. (VERTEX) is pleased to submit this Phase I Environmental Site Assessment (ESA) report for the above referenced property (the site). The purpose of this assessment was to identify Recognized Environmental Conditions (RECs) in connection with the site. A REC is defined as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." It does not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Our work was conducted in general conformance with proposal P.4199.21, executed by Mr. Jess Morgan on September 23, 2021, and in accordance with the general provisions of the E 1527-13 American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" for commercial real estate, as well as the U.S. Environmental Protection Agency's (USEPA) All Appropriate Inquiries (AAI) Final Rule of November 1, 2005, as amended December 30, 2013. To the best of our knowledge, this Phase I ESA report is true and accurate.

VERTEX also assessed the site for the potential presence of asbestos-containing materials (ACMs) and lead-based paint (LBP).

We declare that, to the best of our professional knowledge and belief, we meet the definition of an Environmental Professional as defined in 40 C.F.R. Part 312.10. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Please do not hesitate to contact us at your convenience should you have any questions or comments regarding this report or our recommendations. It has been a pleasure working with you on this project.

Sincerely,

The Vertex Companies, Inc.





Project Manager

Vice President – Due Diligence

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476
VERTEX Project No. 74303

1.0 SUMMARY

On September 23, 2021, The Vertex Companies, Inc. (VERTEX) was retained by PSI Atlantic Arlington MA, LCL Mr. Jesse Morgan, to conduct a Phase I Environmental Site Assessment (ESA) of the Dudley Street Auto facility, located at 34 Dudley Street in Arlington, Massachusetts (the site). According to the Town of Arlington Assessor, the site consists of one 0.767-acre parcel of land, identified as Parcel ID: 55-2-39.B. The site is currently improved with two single-story commercial buildings. The main building totals 10,271 square feet and was constructed circa 1955 with additions to the north and south side of the building in 2000. The garage/shed building is approximately 1,000 square feet was reportedly constructed in 1985. The site is currently occupied by Dudley Street Auto, an auto body repair company, Arlington Glass and Summer Street Auto. Exterior areas on-site consist of asphalt-paved parking areas and drive lanes, wood fencing, and limited landscaped areas. According to the Middlesex South Registry of Deeds, the site is currently owned by 34 Dudley Street, LLC.

The purpose of this assessment was to identify Recognized Environmental Conditions (RECs), including controlled RECs (CRECs) and Historical RECs (HRECs), in connection with the site in connection with due diligence activities related to the planned acquisition of the site.

ASTM Findings

- Based on review of available historical information, the site was developed with two single-family residences and Arlington Wet Wash Laundry by the early 1920s. The residences were both razed in the late 1960s. Based on Sanborn Fire Insurance (Sanborn)

maps, the laundry facility was noted to be out of business by 1927. No indication of drycleaning operations was identified. The location of the laundry facility was replaced with B.L. Cummings milk plant in 1932, which operated on the southern portion of the site through the 1950s. The current main site building was originally constructed circa 1955 and has been occupied by various automotive repair and construction companies since that time. Additions to the north and south (paint booth) sides of the building were made in 2000. The site building is currently occupied by Dudley Street Auto, an auto body repair company, Arlington Glass and Summer Street Auto. At the time of the site visit, VERTEX observed three monitoring wells on the site. No additional information regarding the monitoring wells was available. The potential for impacts associated with the long-term on-site automotive repair operations represents a REC.

- Records reviewed indicate there were three underground storage tanks (USTs) present at the site, including a 10,000-gallon gasoline UST, a 1,500-gallon fuel oil UST, and a 500-gallon waste oil UST. According to a prior Phase I ESA, Arlington Fire Department records revealed the 10,000-gallon UST was removed in September 2000. However, records pertaining to removal of this UST and the other two USTs were not identified. In December 2016, IES oversaw the performance a ground-penetrating radar survey (GPR) survey at the site. The results of the survey indicated anomalies consistent with one possible UST present in the southwestern corner of the site. A 3,000-gallon abandoned UST was identified in this area and removed in December 2016. Evidence of a release associated with the UST was not identified. However, IES noted the presence of urban fill at the site when removing the UST, and laboratory analysis of soil sample collected from this area of the site identified several polynuclear aromatic hydrocarbons (PAHs) at concentrations above the RCS-1 reportable concentrations. However, the elevated levels of PAHs identified in urban fill at the site were considered anthropogenic background and exempt from the Massachusetts Department of Environmental Protection (MassDEP) notification requirements. However, in the event of future development, soil at the site will need to be appropriately managed.

- The site is located in an area of commercial and residential properties. Based on review of available historical information, the surrounding properties were primarily residential by the early 1920s, though an auto repair facility was present further to the south. By the early 1950s, a building supply store was present directly west of the site, and a woodworking facility was present south of the site. By the early 1970s, the current multi-tenant office building east of the site was developed and the tennis courts were developed southeast of the site, beyond Mill Brook. Bruce's Tire Shop was developed west of the site in the early 1980s and has had the same occupant since that time. The A1 Automotive Repair facility north of the site was developed by the mid-1990s. Based on review of regulatory databases, environmental concerns or RECs have not been identified with respect to the current or historical use of the surrounding properties.

- VERTEX conducted a regulatory review that included a search of state and federal regulatory databases to identify environmental concerns for the site and surrounding properties. Several facilities were identified within the ASTM search distances of the site. Based on topography, gradient position, and/or regulatory status, none of these facilities are considered to represent RECs in connection with the site.

Non-ASTM Additional Services

In accordance with the scope of work, VERTEX conducted additional services as discussed in Section 9.0 of this report, including the assessment of: asbestos-containing materials (ACMs) and lead-based paint (LBP), which did not reveal any Business Environmental Risk associated with the site. However, based on the age of the main site building, ACMs and/or LBP may be present at the site.

Conclusions

VERTEX has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, of the property located at 34 Dudley Street, Arlington, Massachusetts. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment has revealed no RECs, Business Environmental Risk, or *de minimis* conditions in connection with the site, with the following exception:

- The long-term use of the site for automotive repair operations represents a REC; and,

- Former USTs without adequate closure represent a REC.

2.0 SITE AND VICINITY CHARACTERISTICS

2.1 Site Description

The site is located at 34 Dudley Street in Arlington, Massachusetts (the site). According to the Town of Arlington Assessor, the site consists of one 0.767-acre parcel of land, identified as Parcel ID: 55-2-39.B. The site is located on the south side of Dudley Street. According to the Middlesex South Registry of Deeds, the site is currently owned by 34 Dudley Street, LLC. The site location is shown on Figure 1 - Site Locus Map.

2.2 Site Improvements

The site is currently improved with two single-story commercial/industrial buildings. The main building totals 10,271 square feet and was constructed circa 1955 with additions to the north and south sides of the building in 2000. The garage/shed building is approximately 1,000 square feet and was reportedly constructed in 1985. The main building is constructed of wood framing with concrete block and vinyl exterior walls, a hip slate roof, and a concrete foundation. The main building interior is separated into office and automotive body repair spaces. Interior office finishes include carpet and concrete floors, painted drywall walls, and suspended grid ceilings with drop-in acoustical tiles. The auto body shop areas are finished with concrete floors, painted and unpainted concrete masonry unit (CMU) block, painted drywall walls, and unfinished ceilings exposing the underside of the roof deck.

Exterior areas on-site consist of asphalt-paved parking areas and drive lanes, wood fencing, and limited landscaping.

For a layout of the site, please refer to Figure 2 - Site Schematic. Photographic documentation of the site and surrounding areas is presented in Appendix A.

2.3 Tenant Operations

The site building is currently occupied by Dudley Street Auto, an auto body repair company and two leased tenants: Arlington Glass and Summer Street Auto. No automotive mechanical repairs are conducted onsite. Typical janitorial cleaning chemicals were observed in designated closets throughout the building. No evidence of staining or release was identified. The main building contains offices, several garage bays, and two paint booths. Oil and/or hazardous materials (OHM) noted within this structure included two 55-gallon drums containing waste oil and antifreeze; one 5-gallon paint thinner canister; numerous compressed gas canisters; and numerous small containers (up to 1 gallon each) of paint and various automobile-related fluids. These containers were noted to be in good condition, with no leaks or spills observed. Four above ground vehicle lifts were noted: two within the main building; and two within the shed. The flooring consists of poured concrete, with no floor drains or other discharge points noted on the visible portions of the flooring. No environmental concerns or RECs were identified with respect to current site operations.

2.4 Current Uses of Adjoining Properties

The site is located in a residential and commercial area of Arlington, Massachusetts. Adjoining properties were observed (from the site or from public access areas) for signs of RECs and their potential to pose an environmental concern to the site. The uses and features of adjoining properties are described in the following table. The locations of these properties relative to the site are depicted on Figure 2 – Site Schematic.

NEARBY/ADJOINING PROPERTY SUMMARY		
DIRECTION	**PROPERTY USE**	**CONCERNS**
North	Dudley Street, beyond which is A1 Automotive Repair (39 Dudley Street) and residential properties, followed by the Minuteman Commuter Bikeway.	None
East	Multi-tenant commercial office building (26 Dudley Street).	None
South	Mill Brook, followed by tennis courts (35 Grove Street) to the southeast and a commercial building (32 Prentiss Road).	None

NEARBY/ADJOINING PROPERTY SUMMARY		
DIRECTION	**PROPERTY USE**	**CONCERNS**
Southwest	Dudley Street R, followed by Bruce's Tire & Services (36R Dudley Street).	None; see Section 6.2
West	Dudley Street R, followed by two multi-tenant residential buildings (38/40R Dudley Street).	None

Multiple properties surrounding the site were identified on various regulatory databases searched, and are discussed further in Section 6.2. No RECs in connection with these properties were identified.

2.5 Physical Setting Source(s)

Physical setting sources specified in Section 12.0 of this report were reviewed to provide information about the geology and hydrogeology of the site.

2.5.1 Topography

A review of the 2012 United States Geologic Survey (USGS) Topographic Quadrangle Map of Lexington, Massachusetts, indicates that the surface elevation of the site is approximately 80 feet above mean sea level (amsl). The topography of the site slopes gradually to the south. The topography of the surrounding area slopes generally to the east-southeast.

2.5.2 Surface Water

No surface water bodies were observed on-site. The closest naturally occurring surface water body is Mill Brook, located adjacent to the south of the site. Review of the U.S. Fish and Wildlife Services National Wetlands Inventory, indicates that no designated wetland areas are mapped on-site. Mill Brook is a designated riverine wetland.

2.5.3 Geologic Conditions

According to the U.S. Department of Agriculture (USDA) Web Soil Survey, subsurface soils expected at the site consist primarily of Udorthents wet substratum, which are poorly drained with low capacities to transmit water. No bedrock outcrops were observed during the site reconnaissance. During a previous excavation in the southwestern corner of the site, soils were generally classified as fill material.

2.5.4 Groundwater

Based on regional surface topography and previous assessments of the surrounding areas, groundwater flow direction is inferred to be to the east-southeast. Groundwater is anticipated to be encountered at depths ranging from 10 to 20 feet below ground surface (bgs). Actual local groundwater flow direction can be influenced by factors such as local surface topography, underground structures, seasonal fluctuations, soil and bedrock geology, and production wells, none of which were analyzed during this study.

3.0 USER-PROVIDED INFORMATION

VERTEX requested the following information about the site from PSI Atlantic Arlington MA, LLC (User):

- An evaluation of the presence of environmental cleanup liens for the site;
- Activity and use limitations (AULs) such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the site;
- Specialized knowledge that includes personal knowledge or experience related to the site or nearby properties based on professional experience or knowledge of the site;
- Fair market value (FMV) to evaluate whether the purchase price of any parcel was significantly below FMV;
- Obvious indicators that involve past or present spills, stains, releases, cleanups on or near the site;
- Common knowledge about use of specific chemicals, possible contamination, or past use of the site and surrounding area; and
- Reason for performing the ESA.

Mr. Jesse Morgan stated that the work was being conducted in support of a potential real estate transaction and helped VERTEX to arrange site access. Mr. Morgan provided VERTEX with prior environmental reports, which are summarized in Section 5.3. No other responsive information regarding the site was provided by the Client.

4.0 INTERVIEWS

VERTEX conducted interviews regarding site history and the current on-site operations with the following individuals:

INTERVIEWS		
NAME/COMPANY	**TITLE/POSITION**	**INFORMATION PROVIDED**
Mike Hynes, Jr./ Dudley Street Auto	Owner	Mike Hynes Jr. escorted VERTEX during the site visit and answered questions pertaining to the site history and operations.
Municipal Officials	Various	Provided municipal information.

5.0 HISTORICAL RECORDS REVIEW

Past land uses for the site and adjoining properties were assessed to identify historical practices or conditions that may have impacted the site. This was accomplished by reviewing historical information from several sources including but not limited to interviews with the current owner, review of available previous environmental reports and ownership records, and review of historical information obtained from regulatory sources, aerial photographs, city directories, and historical maps.

5.1 Historical Site Use Summary

Based on review of historical information, the site was developed with two single-family residences and Arlington Wet Wash Laundry by the early 1920s. The residences were both razed in the late 1960s. Based on Sanborn maps, the laundry facility was noted to be out of business by 1927. No indication of drycleaning operations was identified. The location of the laundry facility was replaced with B.L. Cummings milk plant in 1932, which operated on the southern portion of the site through the 1950s. The current main site building was originally constructed circa 1955 and has been occupied by various automotive repair and construction companies since that time. Additions to the north and south (paint booth) sides of the building were made in 2000. The site building is currently occupied by Dudley Street Auto, an auto body repair company and two leased tenants: Arlington Glass and Summer Street Auto. No specific RECs were identified with respect to current site operations; however, the potential for impacts associated with the long-term automotive repair operations is considered a REC.

5.2 Historical Adjoining Properties Use Summary

The site is located in an area of commercial and residential properties. Based on review of readily available historical information, the surrounding properties were primarily residential by the early 1920s, though an auto repair facility was present further to the south. By the early 1950s,

a building supply store was present directly west of the site, and a woodworking facility was present south of the site. By the early 1970s, the current multi-tenant office building east of the site was developed and the tennis courts were developed southeast of the site, beyond Mill Brook. Bruce's Tire Shop was developed west of the site in the early 1980s and has had the same occupant since that time. The A1 Automotive Repair facility north of the site was developed by the mid-1990s. Based on review of regulatory databases, environmental concerns or RECs have not been identified with respect to the current or historical use of the surrounding properties.

5.3 Previous Environmental Reports

VERTEX was provided with the following previous environmental reports for review. VERTEX's comments are in *italics*.

Phase I ESA, 34 Dudley Street, Arlington, MA; Prepared for Charlene Hasan; Prepared by IES, Inc. (IES) and dated November 15, 2016.

At the time of the IES assessment, the site was occupied by four commercial tenants, who utilized the property for automotive body and glass repair, general automobile repair, and storage for a construction company. The site was reportedly occupied by Dudley Street Auto Body, Dudley Street Auto Sales, and Arlington Glass from the early 1980s. At the time of the IES assessment, the surrounding properties were also developed similar to their current improvements and occupied by similar tenants.

During the IES site visit, IES noted several garage bays, a paint booth, and various containers of paint, paint thinner, waste oil and other automobile-related fluids. Paint staining was noted in various areas throughout the "Dudley Auto Body" unit *(also observed by VERTEX)*. No associated RECs were identified with the interior observations.

As part of their assessment, IES conducted a review of municipal records which indicated the presence of a 10,000-gallon gasoline UST, a 1,500-gallon fuel oil UST, and a 500-gallon waste oil UST at the site, all installed in 1970. Arlington Fire Department records revealed the 10,000-gallon UST was removed in September 2000. IES did not identify removal documentation for the remaining two USTs.

As a part of their assessment, IES conducted a review of state and federal regulatory databases. Several off-site properties were listed; however, based on distance, gradient position, and/or regulatory status no RECs were identified. The site was identified as a former generator of hazardous waste and listed as No Longer Register (NLR).

The lack of closure documentation associated with two documented USTs onsite was considered a REC. Based on the information reviewed, IES recommended a Ground Penetrating Radar (GPR) survey be performed at the site, in order to determine if the two USTs were still present.

GPR Survey Results, 34 Dudley Street, Arlington, MA; Prepared for IES; Prepared by Sub-Surface Informational Surveys, Inc. (SIS) and dated December 2, 2016.

Subsequent to the Phase I findings, IES contracted SIS to conduct a GPR survey at the site in December 2016. The report indicated that typically, 5 to 10 feet spacing is sufficient to detect all large capacity USTs (500-gallon or greater), septic systems and underground utilities with a high degree of certainty. SIS utilized a maximum spacing of 2 feet. Traverses were conducted in both north/south and east/west directions to form a grid pattern. Traverses were conducted around all surface obstructions such as walls, curbs, vehicles, equipment, fence, dumpsters, etc. The results of the survey indicated anomalies consistent with one possible UST present in the southwestern corner of the site.

UST Removal Assessment, 34 Dudley Street, Arlington, MA; Prepared for Charlene Hasan; Prepared by IES and dated January 9, 2017.

Subsequent to the GPR findings, IES provided oversight for UST removal activities in December 2016. Periodic soil samples were field screened with a photoionization detector (PID) which did not identify elevated readings above 0.0 parts per million volume (ppmv). The UST was cut open, which revealed a small amount of water present in the bottom of the tank. A Fire Inspector from the Arlington Fire Department was present to witness the removal of the UST. The Fire Inspector stated that a permit to remove the UST was not required due to the contents (water) of the tank.

The tank was transported off-site and five soil samples were collected from the bottom and sidewalls of the excavation. No soil staining or olfactory evidence of a release was identified. PID readings of the five soil samples indicated 0.0 ppmv. One composite soil sample was submitted for analysis of extractable petroleum hydrocarbons (EPHs) with target polynuclear aromatic hydrocarbons (PAHs). One EPH fraction was identified at concentrations well below RCS-1 reporting limits. Several PAHs were identified at concentrations above the RCS-1 standards; however, due to the visual evidence of fill material the sample was subsequently submitted for coal ash microscopic analysis. Two suspect particles were identified to be consistent with coal ash.

Based on the MassDEP's May 2002 "Technical Update – Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil", IES considered that the elevated level of PAHs identified in the urban fill at the site are anthropogenic background and exempt from MassDEP notification requirements.

A liquid sample was also collected from the UST contents and analyzed for EPH with target PAH identifications. Toluene and several PAHs were identified at concentrations well below RCGW-1 reporting limits.

Based on the findings of the UST removal, no additional investigation was recommended.

VERTEX generally concurs with the findings of the IES reports. Based on the classification of fill to be exempt from MassDEP notification requirements, no associated RECs were identified; however, prior to any future redevelopment of the site, a soil management plan should be considered to appropriately manage the fill at the site, including characterization in the event soil was exported from the site.

Please refer to Appendix B for a copy of the prior reports.

5.4 Prior Ownership

VERTEX obtained site ownership information from the Middlesex South Registry of Deeds. The site currently is owned by 34 Dudley Street, LLC. Available ownership information for this property is summarized below.

DEED RECORDS REVIEW				
GRANTOR	**GRANTEE**	**DOCUMENT TYPE**	**BOOK/PAGE**	**DATE**
Dudley Trust	34 Dudley Street, LLC	Quitclaim Deed	68658/160	12/23/2016
Albert J. Pittorino Isabel T. Pittorino	Dudley Trust	Quitclaim Deed	14589/548	04/22/1982
White Fuel Corporation	Albert J. Pittorino Isabel T. Pittorino	Quitclaim Deed	13656/632	03/16/1972
Bavel L Cummings Merle H. Cummings	White Fuel Corporation	Quitclaim Deed	11326/602	05/19/1967
Nicola Lupo	Merle H. Cummings	Quitclaim Deed*	6403/44	06/19/1940

*This deed referenced was referenced within the 1967 deed.

Deed records dated prior to 1967 were unavailable for review. No environmental liens or AULs were noted through review of ownership records. Prior owners of the site were not available to be interviewed. Based on historic information reviewed White Fuel Corporation is not considered a REC in connection with the site.

5.5 City Directories

VERTEX reviewed historical city directory information for the site and adjoining properties. Excerpts from the city directory report are included in Appendix C. A summary of listings is presented below. Residential listings are excluded.

CITY DIRECTORY REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
1970	Not Listed	26 Dudley Street: John. J. Kennefick; TF Kennefick Co. 36R Dudley Street: Residential 39 Dudley Street: Not Listed 38 and 40 Dudley Street: Residential; Arlington Welding Shop 35 Grove Street: Not Listed 32 Prentiss Road: Mister Snack Food	None; see Section 6.2
1975	Arlington Glass Co. Pitt Disposal Serv	26 Dudley Street: R. J. Kennefick; TF Kennefick Co. 36R Dudley Street: Not Listed 39 Dudley Street: Not Listed 38 and 40 Dudley Street: Residential; Arlington Welding Shop 35 Grove Street: Not Listed 32 Prentiss Road: Mister Snack Food	None; see Section 6.0
1984	Dudley St Auto Body Dudley Auto Sales Arlington Glass Co. Kens Auto Repair Lexington Taxi	26 Dudley Street: Richard J. Kennefick; Kennefick TF Co.; Loeffler MacConkey 36R Dudley Street: Green, Bruce A.; Bruce's Tire Service 39 Dudley Street: Not Listed 38 and 40 Dudley Street: Residential 35 Grove Street: Not Listed 32 Prentiss Road: Combustion; Ignition Research	See Section 6.0
1989	Dudley St Auto Body Dudley Auto Sales Arlington Glass Co. AC Auto Rental Ugly Duckling Rent-A-Car	26 Dudley Street: Loeffler MacConkey; Security Fence 36R Dudley Street: Green, Bruce A.; Bruce's Tire Service; Superior Tire & Brake 39 Dudley Street: Not Listed 38 and 40 Dudley Street: Residential 35 Grove Street: Not Listed 32 Prentiss Road: Warren P. Welsh	See Section 6.0

CITY DIRECTORY REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
1992	Dudley St Auto Body Dudley Auto Sales Arlington Glass Co. AC Auto Rental Ugly Duckling Rent-A-Car	26 Dudley Street: Hyde RW Construction, Inc. 36R Dudley Street: Green, Bruce A.; Superior Tire & Brake 39 Dudley Street: Not Listed 38 and 40 Dudley Street: Residential 35 Grove Street: Not Listed 32 Prentiss Road: Combustion Electromagnetics Inc.; Ignition Research Corp.	See Section 6.0
1995	Dudley St Auto Body Dudley Auto Sales Arlington Glass Co. Advance Auto Cleaning & Detail Ed Whalen's Car Cleaning	26 Dudley Street: Ardizzoni, John; Coleman Construction; Phoenix Electrical Contractors, Inc.; Porter Nancy Productions; Regional Contractors; Varsity Medical 36R Dudley Street: Bruce's Tire Service, Inc.; Kelly Tires 39 Dudley Street: Not Listed 38 and 40 Dudley Street: Residential 35 Grove Street: Not Listed 32 Prentiss Road: Combustion Electromagnetics Inc.; Ignition Research Corp.	See Section 6.0
2000	Not Listed	26 Dudley Street: Not Listed 36R Dudley Street: Bruce's Tire Inc. 39 Dudley Street: Green, Michael 38 and 40 Dudley Street: Residential 35 Grove Street: Not Listed 32 Prentiss Road: Combustion Electromagnetics Inc.; Ignition Research Corp.	See Section 6.0
2005	Cash For Your Car A1 Automotive Repair	26 Dudley Street: Challenging Kachina, Inc.; JW Denapoli, Inc.; Marmo Machine Group, Inc. 36R Dudley Street: Bruce's Tire & Service Co.; Colonial Auto Service; Lyons, Sean 39 Dudley Street: Green, Mike 38 and 40 Dudley Street: Residential 35 Grove Street: Not Listed 32 Prentiss Road: Combustion Electromagnetics	See Section 6.0
2010	Dudley St Auto Body Dudley Auto Sales Arlington Glass & Screen Cash For Your Car A1 Automotive Repair	26 Dudley Street: Cody Floral Designs; JW Denapoli, Inc.; Magellan Capital Group, Inc.; Marmo Machine Group, Inc. 36R Dudley Street: Bruce's Tire & Service Co.; CIR, Greene 39 Dudley Street: Chillemi, Justin P. 38 and 40 Dudley Street: Residential; Executive Plumbing 35 Grove Street: Not Listed 32 Prentiss Road: Not Listed	See Section 6.0

CITY DIRECTORY REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
2014	Dudley St Automobile Body Dudley Automobile Sales Arlington Glass Company Arlington Plumbing & Heating Arlington Sewer & Drain A1 Automotive Repair	26 Dudley Street: A&B Express; Cody Floral Designs; Cody Florist; Fish Window Cleaning; Marmo Machine Group, Inc.; One Visual Mind; Tremendous Hearts 36R Dudley Street: Bruce's Tire & Service Co.; CIR, Greene 39 Dudley Street: Chillemi, Justin P. 38 and 40 Dudley Street: Residential 35 Grove Street: Not Listed 32 Prentiss Road: Fernando Carreiro; Menotomy Business Consulting, LLC; Tech Electric Group	See Section 6.0

The site and multiple properties surrounding the site were identified on various regulatory databases searched for this assessment and are discussed further in Section 6.0.

5.6 Aerial Photography

VERTEX reviewed aerial photographs including the site and adjoining properties. Copies of the aerial photographs are included in Appendix D. A summary of information obtained from the review is provided in the table below.

AERIAL PHOTOGRAPHY REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
1939	The site consists of at least two residences on the northwestern portion and a commercial building on the southwestern portion of the site.	North of the site appears to be Dudley Street, followed by residential buildings and railroad tracks. To the east is undeveloped land. To the south is Mill Brook, followed by undeveloped land. To the immediate west is a commercial building, followed by undeveloped land and a residential or commercial structure along Dudley Street.	None
1955 1957	Relatively unchanged, with the exception of a portion of the current main site building which has been constructed on the eastern portion of the site.	North of the site appears to be Dudley Street, followed by several small residential or commercial buildings and railroad tracks. To the east is undeveloped land and one small building. To the south is Mill Brook, followed by commercial/residential buildings. To the west are a commercial building and a residential building, followed by undeveloped land and increased commercial/residential development.	None

AERIAL PHOTOGRAPHY REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
1957	Relatively unchanged.	North of the site appears to be Dudley Street, followed by several small buildings and railroad tracks. To the east is a commercial structure and undeveloped land, followed by a small residential or commercial building. To the south is Mill Brook, followed by commercial/residential buildings. To the west are a commercial building and a residential building, followed by undeveloped land and increased commercial/residential development.	None
1969	One residence is present on the northern portion of the site and the previously noted portion of the current commercial structure is depicted. All other structures appear to have been razed.	A small building east of the site was replaced with a current commercial structure. The commercial building immediately west of the site is no longer present; however, additional small buildings have been constructed to the west-northwest. An additional building has been constructed to the south beyond Mill Brook. The remaining properties surrounding the site appear relatively unchanged.	None
1970	Relatively unchanged; however, the previously remaining residence is no longer depicted.	The surrounding properties appear relatively unchanged, with the exception of an additional commercial/residential building to the west.	None
1978	Due to the quality of the aerial photograph, specific site improvements cannot be depicted.	Due to the quality of the aerial photograph, specific improvements cannot be depicted.	None
1980	Relatively unchanged.	The current recreational courts are noted further southeast of the site and a current moderately-sized commercial structure is noted further west-southwest. The remaining properties surrounding the site appear relatively unchanged.	None
1987	Relatively unchanged.	The current commercial structure is present directly west of the site. The remaining properties surrounding the site appear relatively unchanged.	None
1995	Relatively unchanged.	A building north of the site has been replaced with the current commercial structure. A current commercial structure was developed southwest of the site. The remaining properties surrounding the site appear relatively unchanged.	None

AERIAL PHOTOGRAPHY REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
2008 2012 2016	Two additions are noted on the main site building and the current garage structure is clearly depicted on the southern portion of the site. The site appears developed similar to its current configuration.	The properties surrounding the site appear relatively unchanged.	None

The review of historical aerial photographs did not identify specific environmental concerns in connection with the site; however, the site and multiple properties surrounding the site were identified on regulatory databases searched for this assessment, and are discussed further in Section 6.0.

5.7 Topographic Maps

VERTEX reviewed historical topographic maps including the site and surrounding areas. Copies of the topographic maps are included in Appendix E. A summary of information obtained from the review is provided in the table below.

TOPOGRAPHIC MAP REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
1893	The site appears to consist of undeveloped land.	The site is bound to the north by Dudley Street. Small, likely residential, structures are noted east, west, and further northeast and northwest of the site. Mill Brook is present directly south of the site, beyond which is undeveloped land and a lone residential or commercial structure, followed by dense development.	None
1903	The site appears to consist of undeveloped land.	To the north is Dudley Street, followed by railroad tracks. To the east is undeveloped land and Mill Brook. To the south is Mill Brook, beyond which is undeveloped land, followed by residential and/or commercial structures. To the west is undeveloped land, followed by Mill Brook.	None
1943	The site appears to consist of undeveloped land.	To the north are railroad tracks, followed by a shaded area, indicating development. To the east and west is undeveloped land. To the south is Mill Brook, followed by a shaded area indicating development.	None
1944 1946	The topographic map does not depict specific structures.	The topographic map only depicts public structures (schools and churches). To the north is Dudley Street, followed by railroad tracks. To the south is Mill Brook.	None

TOPOGRAPHIC MAP REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
1947	The site is in an area shaded pink, indicating dense development. Specific improvements are not depicted.	The surrounding properties are in an area shaded pink, indicating dense development. Only public structures, and surrounding roadways and waterways, including Dudley Street to the north and Mill Brook to the south, are depicted. The railroad tracks are also depicted north of Dudley Street.	None
1949 1956	The site is in a shaded area, indicating dense development. Specific improvements are not depicted.	The surrounding properties are in a shaded area, indicating dense development. Only public structures, and surrounding roadways and waterways, including Dudley Street to the north and Mill Brook to the south, are depicted. The railroad tracks are also depicted north of Dudley Street.	None
1971	The site is in an area shaded pink, indicating dense development. Specific improvements are not depicted.	The surrounding properties are in an area shaded pink, indicating dense development. Only public structures, and surrounding roadways and waterways, including Dudley Street to the north and Mill Brook to the south, are depicted. The railroad tracks are also depicted north of Dudley Street.	None
1985	The site is in a shaded area, indicating dense development. Specific improvements are not depicted.	The surrounding properties are in a shaded area, indicating dense development. To the north is Dudley Street, followed by railroad tracks. To the south is Mill Brook, followed by a park.	None
2012	The topographic map does not depict specific structures.	The topographic map does not depict specific structures. To the north is Dudley Street. To the south is Mill Brook.	None

The review of historical topographic maps did not identify environmental concerns in connection with the site.

5.8 Sanborn Fire Insurance Maps

A search of Sanborn Fire Insurance Maps (Sanborn maps) was requested by VERTEX. Copies of the Sanborn maps are included in Appendix F. A summary of the Sanborn map review is provided in the table below:

SANBORN MAP REVIEW			
YEAR	**SUMMARY (ON-SITE)**	**SUMMARY (OFF-SITE)**	**CONCERNS**
1922 1923	Two residential dwellings and an outbuilding are noted on the northern portion of the site, along Dudley Street. Arlington Wet Wash Laundry is present on the southern portion of the site, and extends off-site to the west.	To the north is Dudley Street, followed by residential dwellings. To the east is undeveloped land, followed by a residential dwelling. To the south is a 'pond' (Mill Brook), beyond which are residential dwellings and a commercial building. To the west is the extension of Arlington Wet Wash Laundry and a residence, followed by a multi-family dwelling.	None
1927	Relatively unchanged; however, the laundry facility is noted as "not in operation", and a garage is present associated with a dwelling.	The surrounding properties appear relatively unchanged; however, the commercial building south of the site is noted as an auto repair shop.	None
1951	B.L. Cummings 'Local Milk' is present on the southern portion of the site, in place of Arlington Wet Wash Laundry. B.L. Cummings includes two buildings, one of which extends off-site to the west.	An additional dwelling is noted north of the site. Further south of the site is a woodworking shop and a manufacturer of leather novelties. To the west is the extension of B.L. Cummings and a building supplies store. The remaining properties surrounding the site appear relatively unchanged.	None
1973	A portion of the current main site building is present on the central portion of the site. Due to the quality of the Sanborn map, the labeling cannot be interpreted.	To the north is Dudley Street, followed by multiple dwellings, a commercial structure to the northeast and a commercial building that either sells or utilizes fuel oil further north-northwest. To the east are two, apparently current, commercial structures. To the south is Mill Brook, followed by a caterer and the previously noted structures, though the woodworking facility has expanded. To the west a dual-family dwelling and a previously noted dwelling, the previously noted building supply store (which indicates fuel oil service is either offered or utilized), and a new commercial structure, followed by the previously noted multi-family dwelling.	None; see Section 6.0

Multiple properties identified on Sanborn maps, including the site were identified on regulatory databases searched for this assessment, and are discussed further in Section 6.0.

6.0 REGULATORY RECORDS REVIEW

VERTEX obtained a regulatory database report as specified in Section 12.0. Review of databases and files from federal, state, and local environmental regulatory agencies was used to identify use, generation, storage, treatment, or disposal of hazardous materials and chemicals, or release incidents of such materials that might have impacted the site. The databases discussed in the following sections address ASTM requirements. Additional federal and state databases may have also been reviewed, and if so, are listed in the table below. A copy of the database report is included in Appendix G.

VERTEX's review of these listings assessed the potential for soil, groundwater, and/or soil vapor impacts to the site from on-site listings or listings at surrounding facilities, taking into account such factors as the assumed groundwater depth and flow direction, regulatory status, distance from the site, and other information reported by the regulatory database(s) and/or other sources of information.

A summary of the database information is provided in the following table.

REGULATORY DATABASE SUMMARY			
DATABASE	**ASTM RADIUS**	**TARGET PROPERTY**	**SURROUNDING FACILITIES**
National Priorities List (NPL)/Proposed NPL/De-listed NPL	1 Mile	-	-
Superfund Enterprise Management System (SEMS)	½ Mile	-	-
SEMS Archive	½ Mile	-	-
Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS)	1 Mile	-	-
RCRA Treatment, Storage, and Disposal Facilities (RCRA-TSDF)	½ Mile	-	-
RCRA Hazardous Waste Generators	¼ Mile	1	8

REGULATORY DATABASE SUMMARY			
DATABASE	**ASTM RADIUS**	**TARGET PROPERTY**	**SURROUNDING FACILITIES**
RCRA Former Hazardous Waste Generators/No Longer Regulated Sites (RCRA NonGen/NLR)	¼ Mile	1	8
Facility Index System (FINDS)	Target Property	1	
Emergency Response Notification System (ERNS)	Target Property	-	
Federal Institutional Controls/Engineering Controls	½ Mile	-	-
State Institutional Controls	½ Mile	-	2
Land Use Control Information System Sites (LUCIS)	½ Mile	-	-
State Hazardous Waste Sites (SHWS)	1 Mile	-	83
Solid Waste Facilities/Landfills (SWF/LF)	½ Mile	-	1
Solid Waste Recycling Facility (SWRCY)	½ Mile	-	-
Voluntary Cleanup Program (VCP)	½ Mile	-	-
Leaking Underground Storage Tank (LUST)	½ Mile	-	19
Leaking Above Ground Storage Tank (LAST)	½ Mile	-	6
Underground Storage Tank (UST)	¼ Mile	-	7
Aboveground Storage Tank (AST)	¼ Mile	-	3
MA Release	Target Property	-	
SPILLS	Target Property	-	
MA Brownfields	½ Mile	-	-
US Brownfields	½ Mile	-	-
Hazardous Materials Information Reporting System Sites (HMIRS)	Target Property	-	
MA Asbestos	Target Property	-	
MA Hazardous Waste Generator (HW GEN)	¼ Mile	1	15
Manifests	¼ Mile	-	3
MA Mercury	½ Mile	-	2

REGULATORY DATABASE SUMMARY			
DATABASE	**ASTM RADIUS**	**TARGET PROPERTY**	**SURROUNDING FACILITIES**
DRYCLEANERS	¼ Mile	-	1
Enforcement & Compliance History Online (ECHO)	Target Property	2	
Recovered Government Archive Hazardous Waste Site (RGA HWS)	Target Property	-	
EDR Manufactured Gas Plants (MGP)	1 Mile	-	2
EDR Historical Auto Stations	1/8 Mile	-	2
EDR Historical Cleaners	1/8 Mile	-	1

In addition to the listed databases, EDR maintains proprietary databases of historical auto stations, dry cleaners and manufactured gas plants. These databases are based on aggregation of historical resource data and are not produced by local, state or federal agencies. As such, VERTEX reviews these databases as a part of the historical resource review and includes information from these listings where appropriate.

The database report includes an orphan summary. This summary identifies facilities that are listed in one of the above-referenced databases or lists but do not include complete or accurate geographic data. Consequently, EDR was unable to map the facilities in relation to the site. VERTEX reviewed the orphan summary prior to inspecting the site and surrounding properties. Orphan properties located within ASTM search distances of the site (if any) were incorporated into VERTEX's review.

6.1 On-Site Listings

The site was identified as Dudley Street Auto Body on the RCRA NonGen/NLR, FINDS, ECHO, HW GEN, and RCRA-VSQG databases. The site was identified under entity Ken's Auto Repair (though listed under Dudley Street Auto Body) for the former generator of ignitable waste and various

spent non-halogenated solvents, and is currently registered under Dudley Street Auto Body as a VSQG of spent non-halogenated solvents. During the site visit VETRTEX observed one 55-gallon drum containing waste oil and one 55-gallon drum of waste antifreeze. Both drums were labeled as hazardous waste and are reportedly removed by a third-party contractor on an infrequent as-needed basis. The drums were stored on a wood pallet; while no evidence of staining or release was identified, the drums should be stored on a spill pallet as a best management practice. No associated violations or releases were identified. As such, these listings are not considered a REC in connection with the site.

6.2 Off-Site Listings

A review of state and federal regulatory records revealed several facilities within ASTM-specified search radii of the site. Facilities located within 500 feet of the site are discussed further in the table below. The remaining facilities are not a concern based on the current regulatory status, relative distance from the site, and/or inferred direction of groundwater flow.

OFF-SITE STATE AND FEDERAL LISTINGS			
FACILITY	**DISTANCE AND DIRECTION/ GRADIENT**	**REGULATORY STATUS**	**CONCERNS**
No Location Aid 29 Dudley Street	Northeast-adjacent/ crossgradient	**SHWS, RELEASE:** Release Tracking Number (RTN) 3-18101 was assigned to a release of heating oil reported at this residence in 1998. Initial soil excavation was limited due to structural components, as such, bioremediation was utilized. Prior to bioremediation, two downgradient soil and one groundwater sample were found free of constituents of concern (COCs). The groundwater monitoring well was sampled quarterly during the bioremediation process and remained non-detect for COCs. The bioremediation was successful and a Class A-2 Response Action Outcome (RAO) was filed, indicating additional response actions were not warranted. Based on the lack of downgradient impacts, the remediation performed, and the RAO filed, this release is not considered a REC in connection with the site.	None

OFF-SITE STATE AND FEDERAL LISTINGS			
FACILITY	**DISTANCE AND DIRECTION/ GRADIENT**	**REGULATORY STATUS**	**CONCERNS**
Property 971-977 Massachusetts Avenue	South-adjacent/ crossgradient	**SHWS, RELEASE:** A 21E Assessment was conducted at this property in 1987 in association with proposed redevelopment. The potential for multiple USTs was identified but not confirmed (one 275-gallon fuel oil UST was removed later in the year). Five soil borings (strictly geotechnical) were advanced, three of which were converted to monitoring wells. Groundwater was determined to flow east. Groundwater samples were analyzed for oil and grease and VOCs. The highest oil and grease concentration was 1.6 parts per million (ppm). Chlorinated solvents were detected at concentrations ranging from 2 to 160 parts per billion (ppb). While the constituents were above drinking water standards, it was concluded that no nearby potable water sources were present and the town does not use groundwater as a drinking water source. A follow-up assessment was conducted to address soil conditions. Soil samples were analyzed for VOCs, which were non-detect. While it was concluded that no risk to public health was present and no remediation action was warranted, due to apparent clerical errors, closure of this RTN was never filed. The current status is Pending No Further Action (PENNFA). This property was redeveloped by 1995 with its current improvements. The monitoring well nearest the site was approximately 265 feet south and crossgradient of the site , and separated by Mill Brook (potentially a hydrogeologic barrier). No oil and grease was detected in the sample from this well. The highest concentration of chlorinated solvent was tetrachloroethylene (PCE) at 28 ppb. No source of groundwater impacts was identified at this property and no soil impacts were identified. The property was also completely redeveloped. Based on the distance to the areas of impacts and crossgradient location, no RECs in connection with this facility were identified.	None
Arlington Auto Body & Brake, Inc. 14 Dudley Court	75 feet west/ upgradient	**EDR Hist Auto:** Identified on the EDR Historical Auto Stations database between 1978 and 1983. **RCRA-VSQG, HW GEN, FINDS, ECHO:** Identified as a VSQG of ignitable waste and various spent non-halogenated solvents. No associated violations were reported. Based on the lack of violations or releases this facility is not considered a REC in connection with the site.	None

OFF-SITE STATE AND FEDERAL LISTINGS			
FACILITY	**DISTANCE AND DIRECTION/ GRADIENT**	**REGULATORY STATUS**	**CONCERNS**
Oxbow Partners 23 Dudley Street	75 feet northeast/ crossgradient	**HW GEN:** Identified as a generator of hazardous waste. No associated violations or releases were reported, as such, this facility is not considered a REC in connection with the site.	None
Wilfret Brothers Woodworking 22 Prentiss Road	115 feet south/ downgradient	**RCRA NonGen/NLR, FINDS, ECHO:** Identified as a former generator of hazardous waste. No associated violations were identified. **UST:** Identified for the former presence of two 2,500-gallon gasoline USTs, which were installed in 1983 and removed in 1999. No associated releases were reported. Based on the lack of violations or releases this facility is not considered a REC in connection with the site.	None
The Bike Stop, Inc. 43R Dudley Street	135 feet northwest/ upgradient	**RCRA-VSQG, HW GEN:** Identified as a VSQG of PCE. No associated violations or releases were reported, as such, this facility is not considered a REC in connection with the site.	None
Dudley Automotive Service, Inc. 9 Dudley Street	215 feet west/ upgradient	**RCRA NonGen/NLR, HW GEN, FINDS, ECHO, Manifest:** Identified as a former generator of ignitable waste and various spent non-halogenated solvents used in degreasing. The facility was also identified for the out-of-state transport of waste. No associated violations were identified. **UST, Financial Assurance:** Identified for the former presence of two 15,000-gallon bulk heating oil USTs, two 20,000-gallon bulk heating oil USTs, one 10,000-gallon kerosene UST, one 3,000-gallon gasoline UST, one 1,000-gallon gasoline UST, one 1,000-gallon waste oil UST, and one 3,000-gallon diesel UST. All USTs were removed in 1998. **LUST, RELEASE:** Two releases were identified at this property. During removal of eight of the nine USTs in 1998, elevated photoionization detector (PID) readings triggered a 72-Hour Reporting Condition, and RTN 3-17565 was assigned. A week later, elevated PID readings encountered during the removal of the ninth UST triggered a sperate 72-Hour Reporting Condition and RTN 3-17599 was assigned. Redial efforts were combined. A total of 300 cubic yards was excavated during UST removal. Follow-up sampling in 1999 identified various petroleum hydrocarbons, polynuclear aromatic hydrocarbons (PAHs), volatile organic compounds), and metals in soil and groundwater, and polychlorinated biphenyls (PCBs) in groundwater. A	None

OFF-SITE STATE AND FEDERAL LISTINGS			
FACILITY	**DISTANCE AND DIRECTION/ GRADIENT**	**REGULATORY STATUS**	**CONCERNS**
		bioremediation system was installed in 2000. Following bio-treatment, soil and groundwater samples identified COCs at concentrations less than S-1 and GW-2/GW-3 standards, respectively. A Level of No Significant Risk was achieved and a Class A-2 RAO was filed in 2002. Based on the removal of all USTs, the remedial actions performed, and preparation of a RAO, this facility is not considered a REC in connection with the site.	
ES Johnson Construction Co., Inc. 50 Grove Street	385 feet east/ cross- to downgradient	**UST:** Identified for the former presence of one 2,000-gallon gasoline UST, which was installed in 1972 and removed in 1992. In RTN files reviewed the property formerly also maintained a 1,000-gallon gasoline UST, a heating oil UST (unknown size), and 275-gallon waste oil AST. **LUST, RELEASE:** Two releases were identified at this facility. RTN 3-4317 was assigned following the identification of petroleum impacted soils during UST removal in 1992. Approximately 70 cubic yards of soil was removed from the property. Following excavation, soil samples collected detected COCs below the Method 1 S-1 Standard and groundwater samples collected detected COCs below the Method 1 GW-2/GW-3 concentrations. As such, a Permanent Solution was achieved. RTN 3-11771 was assigned as the result of the removal of the heating oil UST in 1994 and associated elevated PID readings. Bioremediation was conducted in 1996; however, groundwater samples were not submitted as a part of the 1998 RAO Statement. Though not observed, the response to the Notice of Noncompliance was sufficient and the Class A-2 RAO stood. Based on the distance from the site, removal of the USTs, and the status of the RTNs, this facility is not considered a REC in connection with the site.	None
51 Grove St Remediation Site/ Town of Arlington PWD/ Arlington DPW Facility 51 Grove Street	450 feet east/ cross- to downgradient	**RCRA NonGen/NLR:** Identified as a former generator of chromium and benzene. No associated violations were identified. **RCRA-SQG:** Identified as a small quantity generator (SQG) of Chromium. No associated violations were identified. **UST, Financial Assurance:** Identified for the former presence of three 10,000-gallon gasoline USTs, one 10,000-gallon diesel UST, and one 4,000-gallon gasoline UST.	None

OFF-SITE STATE AND FEDERAL LISTINGS			
FACILITY	**DISTANCE AND DIRECTION/ GRADIENT**	**REGULATORY STATUS**	**CONCERNS**
		SHWS, SWF/LF, LUST, AST, INST CONTROL, RELEASE, ENF, HW GEN, UIC: Five releases have been reported at this property. Historically the property was occupied by a mill and saw blade manufacturer in the 1800s, a chrome plating facility in the early 1900s, a MGP in the mid-1900s, and has been occupied by the Arlington Public Works Department (PWD) since 1961. The PWD utilized the property for general storage, vehicle storage, and vehicle refueling. The primary release was assigned RTN 3-4241, following soil and groundwater impacts identified in 1991. COCs included chromium, PAHs, VOCs, petroleum hydrocarbons, lead, and cyanide. Thus far, utility lines have been relocated to clean fill corridors, a MGP purifier and tar separation box was removed, asphalt was installed throughout the property to create a direct contact barrier, and a AUL was filed in 2018. A Class C RAO was filed in 2007 supporting a Temporary Solution and the property is currently in Remedy Operation Status, which includes monitoring and maintenance of barriers. A RAM Plan was submitted in June 2021 in association with the proposed redevelopment of the site. Subsequent releases were associated with activities being performed as a part of this release and have either been closed or an RAO was filed. Based on the distance, gradient position, extensive remedial actions and oversight, and on-going improvements, this facility and the associated releases are not considered a REC in connection to the site.	
ACE Cleaners, Inc. 968 Massachusetts Ave	495 feet south/ crossgradient	**EDR Hist Cleaner:** Identified on the EDR Historical Cleaners database between 1991 and 2004. No additional listings were identified; as such, this facility is not considered a REC in connection with the site.	None

6.3 Additional Environmental Record Sources

VERTEX contacted local agencies to request information relevant to the site and vicinity. A summary of the agencies contacted, and the information obtained is included in the following table.

LOCAL RESEARCH SUMMARY		
OFFICE	**INFORMATION OBTAINED**	**CONCERNS**
Town of Arlington Assessor	VERTEX obtained general property information and a property record card for the site. The information obtained from this department can be found throughout this report.	None
Middlesex South Registry of Deeds	VERTEX reviewed deed records, which are summarized in section 5.4.	None
Town of Arlington Water & Sewer Operations	VERTEX requested initial water and sewer connection dates for the property. The contact could not identify specific connection dates but indicated the site was likely connected during initial development.	None
Town of Arlington Building & Zoning	VERTEX reviewed available permits on-file for the site, which were limited to general construction, electrical, roofing and spray booth permits. No permits of environmental concern were identified.	None
Town of Arlington Fire Department	VERTEX requested records pertaining to any hazardous material releases, UST/AST permits, and open fire code violations. The information obtained from this department can be found throughout this report.	None
Massachusetts Department of Environmental Protection (MassDEP)	VERTEX reviewed available records for the site and select nearby properties. Available information is summarized in Sections 6.1 and 6.2.	None

7.0 SITE RECONNAISSANCE

A site visit was conducted by VERTEX representative Courtney Ciapciak, Senior Project Manager, on October 5, 2021 between 10:30 a.m. and 11:30 a.m. Mike Hynes, Jr., owner for Dudley Street Auto, escorted VERTEX during the site visit and answered questions related to site history and operations.

During the site visit, the weather was cloudy and rainy with a temperature of approximately 55° Fahrenheit. The site visit consisted of a walk-through of the site and visual reconnaissance of neighboring properties from curbside. Photographic documentation of the site visit is included in Appendix A.

7.1 Access Restrictions

VERTEX visually and physically observed accessible areas of the site. The interior and exterior of the site buildings were observed. No limitations imposed by physical obstructions or other limiting conditions were observed.

7.2 Site Observations

Observations of site conditions were made during the site reconnaissance and are summarized in the table below. Issues of concern are discussed in greater detail following the table.

SITE OBSERVATIONS		
DESCRIPTION	**REPORTED/ OBSERVED ON-SITE Y/N**	**COMMENTS**
Hazardous Substances and Petroleum Products	Y	Hazardous substances and petroleum products observed included typical janitorial and household cleaning supplies, maintenance chemicals, including paints, waste oil, coolant, and antifreeze. All products were noted to be properly stored with no evidence of staining or release.

SITE OBSERVATIONS		
DESCRIPTION	**REPORTED/ OBSERVED ON-SITE Y/N**	**COMMENTS**
UST(s)	N	VERTEX did not observe fill pipes, vent pipes or other evidence of UST(s). VERTEX did not observe operations and/or equipment that are typically associated with significant fuel or chemical storage that typically utilizes USTs. Refer to Sections 5.3 and 6.1 for additional information pertaining to historical USTs onsite.
AST(s)	N	Not identified during the site visit.
Strong, Pungent, or Noxious Odors	N	Not identified during the site visit.
Pools of Liquid	N	Not identified during the site visit.
Drums	Y	Two (2) 55-gallon drums were observed within the main building which are used to store waste oil and waste antifreeze. The waste is picked up by a third-party waste hauler for disposal offsite. No evidence of staining or release was identified. No concerns were noted.
Unidentified Substance Containers	N	Not identified during the site visit.
Polychlorinated Biphenyls (PCB)-containing Equipment	N	Not identified during the site visit
Utilities (Electricity/ Natural Gas)	Y	Electricity – supplied by Eversource Natural gas – supplied by National Grid
Hydraulic Equipment	Y	Four (4) aboveground hydraulic lifts was observed within the site buildings. No evidence of staining or release was identified. No concerns were noted.
Water Supply	Y	Water is supplied to the site by the Town of Arlington. The site was reportedly connected at the time of building construction in the 1950s.
Wells	Y	No on-site water extraction wells were identified or reported. However, three (3) groundwater monitoring wells were observed onsite. The site contact was not aware of the monitoring wells and no information was identified during our review of regulatory records. As such, the presence of these wells is considered a Business Environmental Risk.
Wastewater	Y	Wastewater discharges from the site are primarily limited to domestic and commercial discharges with no indicated process/industrial type discharges. Sewer service is provided to the site by the Town of Arlington. The site was reportedly connected at the time of building construction in the 1950s.
Septic	N	Not identified during the site visit or historical and municipal research conducted.
Stormwater	Y	Stormwater at the site drains to the various stormwater catch basins located throughout the paved portions of the site. The catch basins discharge to the municipal stormwater management system. Undeveloped areas drain via natural infiltration. No concerns were identified.
Flood Plain	N	According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), the site is located outside of the 100- and 500-year floodplains.

SITE OBSERVATIONS		
DESCRIPTION	**REPORTED/ OBSERVED ON-SITE Y/N**	**COMMENTS**
Pits, Ponds, Lagoons	N	Not identified during the site visit.
Stained Soil, Stained Pavement, Corrosion to Pavement	N	Not identified during the site visit.
Stressed Vegetation	N	Not identified during the site visit.
Solid Waste	Y	The site currently maintains one solid waste dumpster serviced by Republic Services, as well as a scrap metal storage area. No evidence of staining or improper dumping were observed. No concerns were identified.
Hazardous Waste Management	N	Not identified during the site visit.
Heating/Cooling	Y	The site buildings are heated via a series of natural gas-fired rooftop package units. No cooling is provided to the site.
Drains, Sumps, Oil/Water Separators/Sand Traps	Y	Janitorial mop sinks were observed in various locations. Floor drains were observed in building restrooms. The drains reportedly discharge to the municipal sanitary sewer system. No evidence of a release was observed in the vicinity of the drains.
Vapor Intrusion	Y	As part of this assessment, VERTEX assessed the potential for impacts to the site from potential on- and off-site sources of vapor intrusion. The potential for impacts from off-site properties included a review of current off-site operations (see Section 2.4), a review of historical operations (see Section 5.2), and a review of regulatory database records (see Section 6.2). Potential on- or off-site sources of vapor intrusion were not identified; however, the potential for releases in connection with the long-term auto repair operations and former USTs for which closure documentation was not available represent potential sources of vapor intrusion at the site.

8.0 DATA GAPS/DEVIATIONS

Significant data gaps that would affect VERTEX's ability to identify RECs at the site were not encountered during this assessment. Deviations or deletions from the scope of work defined by ASTM E 1527-13 were not made. Our conclusions regarding the potential environmental impact of nearby, off-site facilities on the site are based on readily available information from the environmental databases and the assumed groundwater flow direction as inferred from nearby subsurface investigations, site topography, and nearby waterways. A detailed file review of each facility was beyond the scope of work; however, VERTEX reviewed pertinent documents for the site and select nearby properties as made available by the MassDEP.

9.0 ADDITIONAL SERVICES

The following additional (non-ASTM) services were performed as part of this assessment.

9.1 Asbestos-Containing Materials (ACMs)

A visual survey of limited building areas was performed to assess major classes of accessible suspect ACMs that may be present. Observed suspect ACMs included tile flooring and associated mastic as well as other flooring mastic, drywall systems, ceiling tiles, and pipe insulation. The observed suspect ACMs were noted to be in good condition. If discovered during work that will disturb these materials, ACMs must be handled in accordance with the National Emission Standards for Hazardous Air Pollutants (NESHAP) and other applicable local, state, and federal regulations. Business environmental risks with respect to ACMs were not identified for the site.

9.2 Lead-Based Paint (LBP)

VERTEX inspected the site for the possible presence of LBP. Based on the age of the main site building (1955), LBP may be present in this structure. Prior to demolition/renovation activities or other activities that could potentially disturb LBP, sampling and analysis of suspect LBP should be performed, and any LBP identified appropriately managed.

10.0 CONCLUSIONS

VERTEX has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, of the property located at 34 Dudley Street, Arlington, Massachusetts. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment has revealed no RECs, Business Environmental Risk, or *de minimis* conditions in connection with the site, with the following exception:

- The long-term use of the site for automotive repair operations represents a REC; and,

- Former USTs without adequate closure represent a REC.

11.0 SCOPE AND LIMITATIONS

11.1 Purpose

The primary purpose of this assessment is to identify, to the extent feasible pursuant to the processes prescribed in ASTM E 1527-13, RECs in connection with the site. As defined in ASTM E 1527-13, a REC is "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." It does not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A "historical REC" is defined in ASTM E 1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)." ASTM E 1527-13 defines the term "controlled REC" as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

In conducting this assessment, VERTEX followed ASTM E 1527-13, as well as the U.S. Environmental Protections Agency's All Appropriate Inquiries (AAI) Final Rule of November 1, 2005 as amended December 30, 2013. There were no exceptions to or deletions from this

practice, as described in Section 8.0 of the report. ASTM defines good commercial and customary practice for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. 9601) and petroleum products. This practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability. The practice constitutes "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices" as defined at 42 U.S.C. 9601(35)(B).

As part of ASTM E 1527-13, Phase I ESAs must be conducted by or under the supervision of a qualified Environmental Professional. The AAI Final Rule defines an Environmental Professional as someone who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases on, at, in, or to a property, sufficient to meet the objectives and performance factors of the rule. We declare that to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 C.F.R. 312.10. We have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the site. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

11.2 Detailed Scope-of-Services

As part of this Phase I ESA, and in accordance with the provisions of ASTM E 1527-13, VERTEX performed a visual reconnaissance of the site, noted use of adjoining properties, and conducted historical and regulatory records research. The following provides a more detailed description of the scope of services:

- Visual assessment of the site building(s), if present, and grounds to identify potential for on-site petroleum or hazardous material release(s).

- Visual assessment and categorization of the use of abutting and adjoining properties as potential off-site sources of petroleum or hazardous material contamination to the site.

- Review of readily available state and federal regulatory records related to on-site activities and to potential off-site activities to identify sources of petroleum or hazardous material contamination to the site.

- Review of readily available historical information to assess for potential on-site and off-site sources of petroleum or hazardous material contamination to the site.

- Review of readily available local records related to historical site ownership, usage, and development. This includes obtaining information from local environmental authorities to identify complaints, violations, citations, inspections, environmental liens, AULs, or institutional and engineering controls related to the site.

- Review of readily available documents and other resources for the site and site vicinity to evaluate current and historical development and renovation activities.

- Visual assessment for suspect Polychlorinated Biphenyl (PCB) containing equipment, e.g., transformers, elevators. Please note, this scope of work does not include an evaluation for or testing of suspect PCBs in building materials such as caulking, mastic/adhesives, oil-based paints, coatings and sealants. Currently, there are no regulatory requirements to test in-place building materials for the presence of PCBs. Although testing is not required for in place materials, owners are required to know the content of the waste streams that they generate and potentially sign waste profiles prior to disposal facility acceptance. Therefore, if

renovation or demolition activities are to be conducted at the site that will result in the generation of demolition debris, a contractor or waste disposal facility may request certification of knowledge of the waste stream or testing to determine if the material(s) contain PCBs for proper handling and disposal purposes.

- Visual assessment of the accessible areas of the site and review of readily available public records to assess the presence or absence of the following ASTM E 1527-13 non-scope considerations: ACMs and LBP.

- Preparation of a Phase I ESA report.

11.3 Significant Assumptions

Information obtained from the Client, the Client's representative, site representatives, individuals interviewed, and prior environmental reports is considered to be accurate unless VERTEX's reasonable inquiries clearly revealed otherwise.

Conditions observed were considered to be representative of areas that were not observed unless otherwise indicated.

The primary direction of groundwater flow is assumed to follow topography, unless otherwise indicated by measurement of the potentiometric surface or other quantifiable data.

VERTEX reviewed reasonably ascertainable public records with respect to past operations and ownership of the site in an attempt to determine past site usage. VERTEX is not a professional title insurance firm and makes no guarantee, express or implied, that the listing reviewed represented a comprehensive delineation of past site ownership or tenancy for legal purposes. The accuracy and completeness of information maintained in public records by public agencies

or other entities is assumed to be sufficient for the purposes of this Phase I ESA, and independent verification of its validity is beyond the scope of this investigation.

11.4 Limitations and Exceptions

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. The findings within this ESA utilized information that was practically reviewable per ASTM Practice E 1527-13, meaning that only relevant data relating to the subject site has been incorporated into the findings, disregarding extraordinary analysis of irrelevant data. The investigation conducted for this ESA was limited to data that were reasonably ascertainable, meaning that the information was publicly available, obtainable within the cost and time constraints under the scope of services for this project, and practically available. VERTEX is not responsible for the independent conclusions, opinions, or recommendations made by others based on the records review, site inspection, field exploration, and laboratory test data presented in this report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. Subsurface conditions were not field-investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. VERTEX does not warrant against future operations or conditions, or against operations or conditions present of a type or at a location not investigated. VERTEX does not assume responsibility for other environmental issues that may be associated with the subject site.

This study is not intended to assess or otherwise determine if soil contamination, waste emplacement, or groundwater contamination exists. These data are accessible only by sampling

of subsurface material and groundwater through the completion of soil borings and the installation of monitoring wells and the chemical analyses of soil and groundwater samples. The scope of work, determined by the client, did not include these activities.

In view of the rapidly changing status of environmental laws, regulations and guidelines, VERTEX cannot be responsible for changes in laws, regulations, or guidelines that occur after the study has been completed and that may affect the subject site.

It must be noted that no investigation can absolutely rule out the existence of hazardous materials at a given site. This assessment has been based upon prior site history and observable conditions. Existing hazardous materials and contaminants can escape detection using these methods.

There were no significant data gaps or accessibility limitations that would affect VERTEX's ability to identify RECs at the sites, as discussed in Section 8.0.

While VERTEX may comment on environmental compliance matters that fall under the scope of this assessment, this study does not constitute a regulatory compliance audit, and does not document compliance with applicable state, federal, or local regulations.

11.5 Special Terms and Conditions

No special Terms and Conditions were agreed upon between the User and the Environmental Professional.

11.6 User Reliance

This report is for the exclusive use of PSI Atlantic Arlington MA, LLC. No other party shall have the right to rely on any service provided by VERTEX without prior written consent. Use of this report by any other party shall be at such party's sole risk.

12.0 REFERENCES

Agencies Contacted:

Town of Arlington Assessor

Middlesex South Registry of Deeds

Town of Arlington Public Works

Town of Arlington Building & Zoning

Town of Arlington Fire Department

Massachusetts Department of Environmental Protection

Other Documents Reviewed:

Aerial photographs obtained from EDR, dated 1939, 1955, 1957, 1969, 1970, 1978, 1980, 1987, 1995, 2008, 2012, and 2016.

City directories obtained from EDR, dated 1970 to 2014.

EDR Database Report, dated September 30, 2021.

Topographic maps obtained from EDR, dated 1893, 1903, 1943, 1944, 1946, 1947, 1949, 1956, 1971, 1985, and 2012.

Sanborn fire insurance maps obtained from EDR, dated 1922, 1923, 1927, 1951, and 1973.

Phase I ESA, 34 Dudley Street, Arlington, MA; Prepared for Charlene Hasan; Prepared by IES, Inc. (IES) and dated November 15, 2016.

GPR Survey Results, 34 Dudley Street, Arlington, MA; Prepared for IES; Prepared by Sub-Surface Informational Surveys, Inc. (SIS) and dated December 2, 2016.

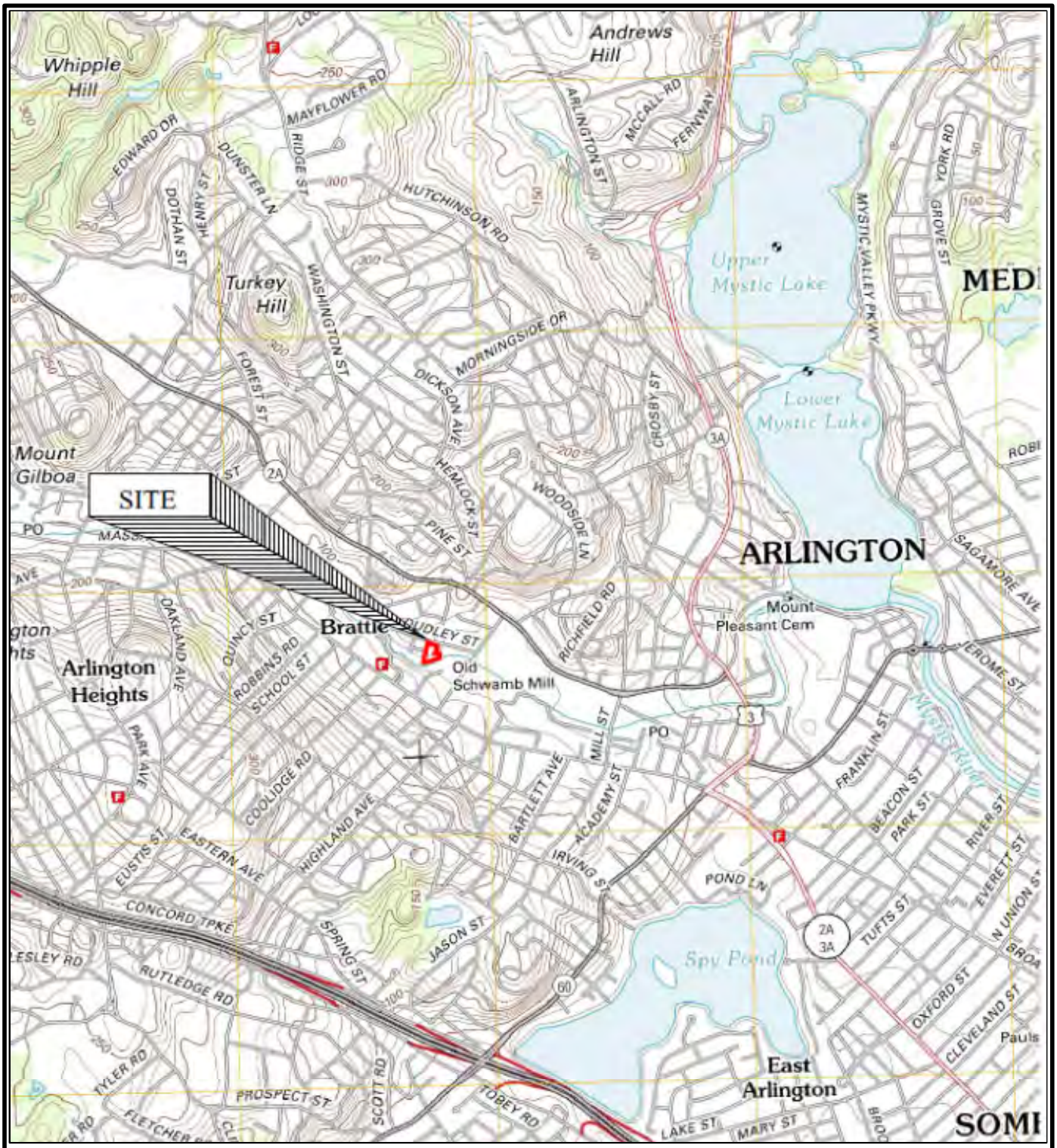
UST Removal Assessment, 34 Dudley Street, Arlington, MA; Prepared for Charlene Hasan; Prepared by IES and dated January 9, 2017.

Interviews:

Mike Hynes, Jr., Owner, Dudley Street Auto

Various Municipal Staff

FIGURES



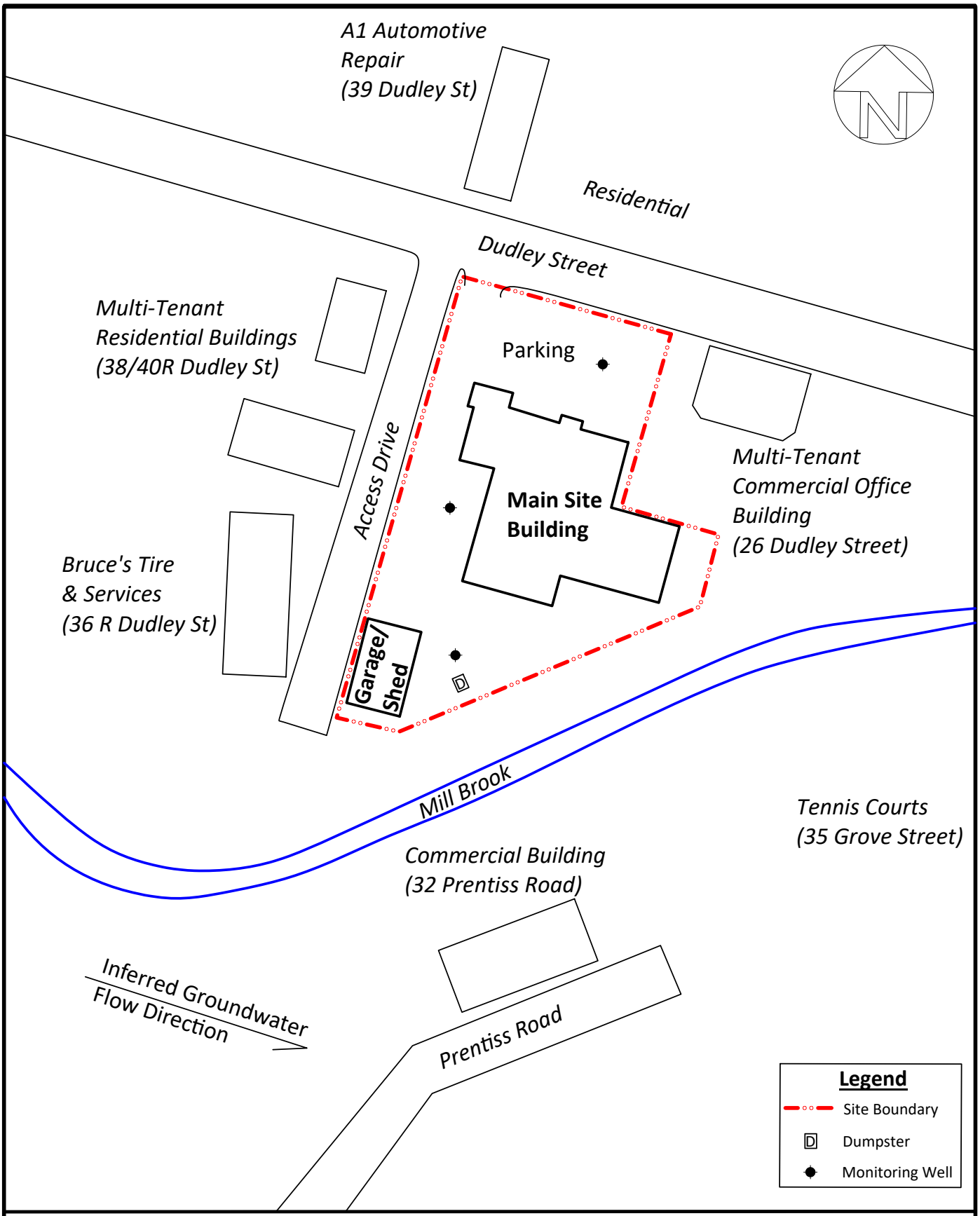
USGS Topographic Map, 2012
Lexington, Massachusetts
Contour Interval: 10 Feet

SITE LOCUS MAP
Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476

SCALE: 1:24,000
October 2021
VERTEX Proj. No. 74303

VERTEX

FIGURE NO. 1



SITE SCHEMATIC
Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476

SCALE: NOT TO SCALE
October 2021
VERTEX Proj. No. 74303

VERTEX

Figure No. 2

APPENDIX A:

PHOTOGRAPHIC DOCUMENTATION

Photographic Documentation
Dudley Street Auto
34 Dudley Street
Arlington, MA 02476
VERTEX Project Number 74303



Photograph #1: View of the northern exterior of the main site building.



Photograph #2: View of the northern exterior of the garage/shed.



Photograph #3: View from the southern adjacent property and Mill Brook.



Photograph #4: View of northern adjacent property beyond Dudley Street.



Photograph #5: View of northern adjacent property beyond Dudley Street.



Photograph #6: View of western adjacent property.

Photographs taken on October 5 by Courtney Clapciak

Photographic Documentation
Dudley Street Auto
34 Dudley Street
Arlington, MA 02476
VERTEX Project Number 74303



Photograph #7: View of eastern adjacent property.



Photograph #8: View of western exterior of main site building (looking north).



Photograph #9: View of solid waste dumpster onsite.



Photograph #10: View of the interior of the site garage/shed (leased by Summer Street Auto).

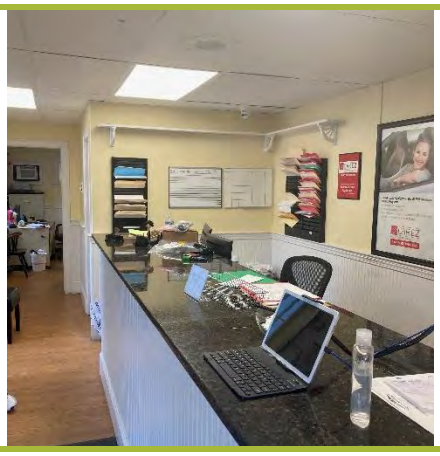


Photograph #11: View of the interior of the site garage/shed (leased by Summer Street Auto).

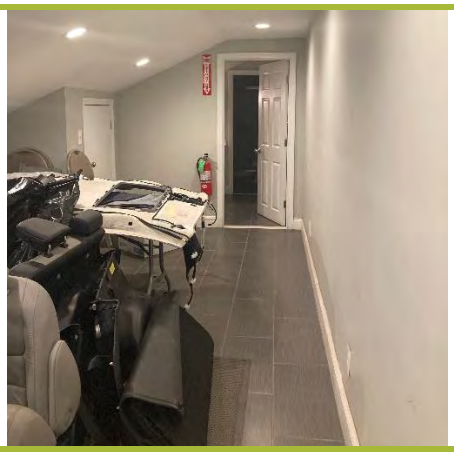


Photograph #12: View of used and new tire storage on western exterior of the main site building.

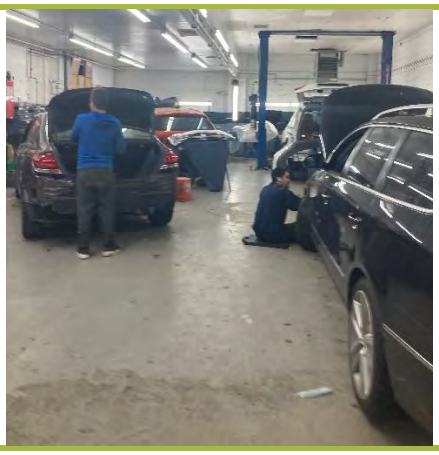
Photographic Documentation
Dudley Street Auto
34 Dudley Street
Arlington, MA 02476
VERTEX Project Number 74303



Photograph #13: View of office space within the main site building.



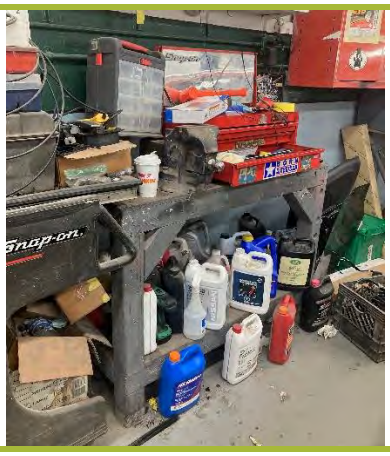
Photograph #14: View of office/storage space within the main site building.



Photograph #15: View of auto body shop space within the main site building.



Photograph #16: View of auto body shop space within the main site building.



Photograph #17 View of typical retail-sized storage of automotive coolant and antifreeze.



Photograph #18: View of two 55-gallon drums containing waste oil and waste antifreeze.

Photographic Documentation
Dudley Street Auto
34 Dudley Street
Arlington, MA 02476
VERTEX Project Number 74303



Photograph #19: View of typical compressed gas storage within main site building.



Photograph #20: View of first paint booth within main site building.



Photograph #21: View of second paint booth within main site building.



Photograph #22: View of inside downdraft of second paint booth.



Photograph #23: View of paint storage within main site building.



Photograph #24: View of paint thinner storage, spray gun cleaner, and paint recycler within main site building.

Photographic Documentation
Dudley Street Auto
34 Dudley Street
Arlington, MA 02476
VERTEX Project Number 74303



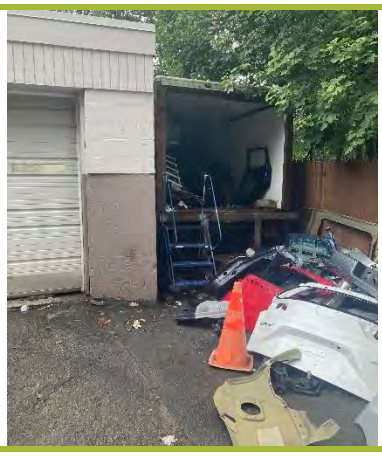
Photograph #25: View of janitor sink within site garage/shed.



Photograph #26: View of exterior of Arlington Glass tenant space on western side of the main site building.



Photograph #27: View of interior of Arlington Glass tenant space.



Photograph #28: View of scrap metal storage on southeastern exterior of main site building.



Photograph #29: View of one of three monitoring wells observed onsite.



Photograph #30: View of snow plow storage on the southern exterior of the site garage/shed.

APPENDIX B:

RELEVANT DOCUMENTS

Prepared For:
Ms. Charlene Hasan
95 Hildreth Street
Westford, MA 01886

November 15, 2016

Phase I Environmental Site Assessment
34 Dudley Street
Arlington, MA 02474
IES Project No. 2016-11-0825

Prepared By:
IES, Inc.
50 Salem Street, Suite 108, Building A
Lynnfield, MA 01940
617-623-8880



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Christopher Buchanan: x-203
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Steven Iorio: x-208
Kevin Taylor x-210
James Sullivan x-204

November 15, 2016

Ms. Charlene Hasan
95 Hildreth Street
Westford, MA 01886

Re: Phase I Environmental Site Assessment
34 Dudley Street
Arlington, MA
IES Project #2016-11-0825

Dear Mr. Hasan,

As requested, and in accordance with the Terms of our Contract, IES, Inc. has conducted a "Phase I Environmental Site Assessment" (ASTM E 1527-13) of the above referenced property. Please note that the USEPA has established that the ASTM E1527-13 Standard is consistent with the requirements of the final rule for All Appropriate Inquiries (AAI) and may be used to comply with the provisions of the rule.

The following is our **Executive Summary**, which details the major findings of the report:

1. This Phase I Environmental Site Assessment consisted of a historical review, a site inspection, and research of State and local files, as depicted in Sections 1 through 6 of this report.

2. The site consists of one, 0.767-acre, irregular-shaped parcel of land located at 34 Dudley Street in a mixed residential and commercial area of the Town of Arlington, MA. The subject site is currently occupied by two commercial buildings, which include a one-story, concrete-block and vinyl-sided structure and a one-story, wooden garage. The on-site structures currently contain four commercial occupants, which include an automobile body repair shop (Dudley Street Auto Body); a glass company (Arlington Glass); a construction company (McDonald Construction); and an automobile repair shop (Kenny Walsh).

3. The on-site structures were built around 1940 and 1982; are currently heated with natural gas and/or electricity; and are serviced with municipal water and sewer. In the past, the site building was heated with fuel oil, as indicated in Arlington Assessor's records.

4. The site was occupied by "Dudley Street Auto Sales", "Dudley Street Auto Body", and "Arlington Glass" since the early 1980's. Prior to the 1980's, the site was used for the storage and repair of taxi cabs since 1970. Prior to the 1970's, the northern portion of the site contained a residential

dwelling, which was razed in 1970; and the southern portion of the site was occupied by a milk plant (B.L. Cummings), which was constructed in 1932. Prior to the 1930's, the southern portion of the site contained a laundry (Arlington Wet Wash Laundry).

5. According to a 2000 IES report previously prepared for the site, municipal records indicate the presence of a 10,000 gallon gasoline UST; a 1,500-gallon fuel oil UST; and a 500-gallon waste oil UST at the site, which were installed in 1970. IES noted that "no documentation regarding the removal of these tanks was on file with Arlington town offices".

6. "Recognized Environmental Conditions" (REC's) identified during this assessment include the evidence of the presence of two existing USTs and one former UST at the site. According to a 2000 IES report, municipal records indicate the presence of a 10,000 gallon gasoline UST; a 1,500-gallon fuel oil UST; and a 500-gallon waste oil UST at the site, which were installed in 1970. A review of Arlington Fire Department records revealed the 10,000-gallon UST was removed in September of 2000. The Fire Department did not have any records of the removal of the other two USTs or of any confirmatory soil sampling performed during the 10,000-gallon UST removal.

7. No "Historical Recognized Environmental Conditions" (HRECs) or Controlled Recognized Environmental Conditions (CRECs) were identified during this assessment.

8. Potential on-site environmental threats include the use of the site for automobile repair and body work dating back to the 1980's; and the associated above ground storage of OHM in the site building. In addition, the former use of the site as a taxi cab repair facility is also noted as a potential on-site environmental concern. In addition, the listing of a business at the site (Ken's Auto Repair) as a RCRA Generator (MAD037686433), which is "No Longer Regulated" (NLR) is also noted as a potential on-site environmental threat.

9. Potential off-site environmental threats identified during this assessment include the westerly and northerly abutting automobile repair facilities (Bruce's Tire and Auto Service, Summer Street Auto Care, and A1 Automotive) located at 36 and 39 Dudley Street. Additional potential off-site environmental threats include the nearby RCRA Generators at 23 Dudley Street (MV7818927521), 14 Dudley Court (MAD066583188), 22 Prentiss Road (MAD001039411), and 9 Dudley Street (MAD038332714); the UST facilities at 9 Dudley Street and 22 Prentiss Road; and the DEP listings at 29 Dudley Street (RTN 3-18101) and 9 Dudley Street (RTNs 3-17565 and 3-17599). However, mitigating factors include the RAO status of RTNs 3-18101, 3-17565, and 3-17599.

   Further, please note that if any contamination is detected at the site that originates from an off-site source, the site owner has the option to file a "Downgradient Property Status Submittal" pursuant to 310 CMR 40.0180. According to 310 CMR 40.0184(1), "any person who establishes and maintains Downgradient Property Status....shall not be subject to the deadlines for Tier Classification and Comprehensive Response Actions" and applicable fees.

10. "We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 34 Dudley Street in Arlington, MA, the property. Any

exceptions to, or deletions from, this practice are described in this report. This assessment has revealed evidence of a Recognized Environmental Condition (REC) in connection with the property.

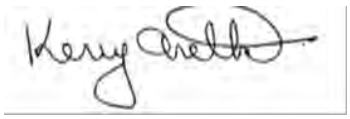
11. Due to the aforementioned REC and potential on-site and potential off-site environmental threats, the subject site is considered a **"Moderate/High Environmental Risk"** (see **Attachment "AAA"**) regarding soil and/or groundwater contamination. In addition, it is our opinion that in accordance with IES's Cleanup Risk Rating, which is depicted in **"Attachment AA"**, IES would classify the site as a **"Moderate/High Cleanup Risk"** due to the absence of any removal documentation association with two USTs at the site and the absence of confirmatory soil sampling associated with the 10,000-gallon fuel oil UST that was removed from the site.

12. It is the recommendation of IES, Inc. that a Ground Penetrating Radar (GPR) survey be performed at the site, in order to determine if the two USTs with no removal documentation are still present. The cost of a GPR survey is approximately $2,500.00 and can be completed in approximately 2 weeks. If any abandoned USTs are identified at the site, a UST Removal program would be warranted.

    In addition, if you desire to conclusively determine if the REC, and potential on-site and off-site sources of contamination have impacted the soil and/or groundwater at the site, a subsurface investigation is recommended. This investigation should include the advancement of test borings, monitoring well installation, soil sample screening, and laboratory analysis of soil and/or groundwater samples. The cost of a Phase II Subsurface Investigation is estimated at approximately $9,000.00, and can be completed within 3-4 weeks.

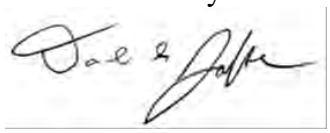
Furthermore, if additional data becomes available, or related quantitative or qualitative analysis is performed, IES should review the material to determine if the findings in this report should be modified.

Respectfully submitted,
IES, Inc.



Kerry Asetta
Vice President

Reviewed by:



Daniel Jaffe
President

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SECTION 1.0

PHASE 1
ENVIRONMENTAL SITE ASSESSMENT
34 Dudley Street
Arlington, MA

INTRODUCTION

1.1. PURPOSE

At the request of Ms. Charlene Hasan, IES conducted a "Phase I Environmental Site Assessment" (ASTM E 1527-13) at the property located at 34 Dudley Street in Arlington, MA. Please note that the USEPA has established that the revised ASTM E1527-13 Standard is consistent with the requirements of the final rule for All Appropriate Inquiries (AAI) and may be used to comply with the provisions of the rule.

This Phase I included a visual inspection of the subject site on November 10, 2016; a review of Town directories, Sanborn Historical Atlases, research of public records; a review of updated Federal, State and Local databases and files pertaining to the site and nearby properties.

The purpose of the Phase I Assessment is to identify, to the extent feasible, pursuant to the processes prescribed by ASTM E1527-13, *recognized environmental conditions* in connection with the property. R*ecognized Environmental Conditions* are defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

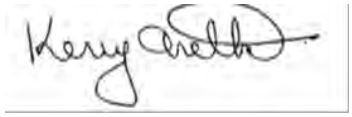
1.2. SCOPE OF SERVICES

Kerry Asetta and Daniel Jaffe ("Environmental Professional") meet the definition of Environmental Professional as defined in §312.10(b), and have performed the following "Environmental Investigation" in conformance with the scope and limitations set forth in the *American Society for Testing and Materials* (ASTM) Practice E-1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" for the aforementioned property, with any exceptions noted in the report. As previously stated, the USEPA has established that the revised ASTM E1527-13 Standard is consistent with the requirements of the final rule for All Appropriate Inquiry and may be used to comply with the provisions of the rule.

The four components utilized in this Phase I Environmental Site Assessment to identity Recognized Environmental Conditions include a Records Review; Site Reconnaissance; Interviews with current and/or past site owners, operators, and occupants of the property and local government officials; and an evaluation of the information.

There were no significant "datagaps" as defined by ASTM E-1527-13 that would affect the ability of the Environmental Professionals to identify Recognized Environmental Conditions at the site.

The Environmental Professionals that conducted this Phase I Environmental Site Assessment declare, that to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in §312.10 of 40 CFT §312. We also have specific qualifications based on educations, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the All Appropriate Inquiry in conformance with the standards and practices set forth in 40 CFR Part 312.



Kerry Asetta
Name of Environmental Professional Signature

SECTION 2.0
SITE DESCRIPTION/SITE RECONNAISSANCE

2.1. Site Location and Legal Description

Site Address:	34 Dudley Street Arlington, MA
County:	Middlesex
Site Owner:	Dudley Street Trust 34 Dudley Street Arlington, MA 02476
Parcel ID:	55-2-39B
Site Area:	0.767 acres
Property Use:	Commercial
USGS Topographic Quadrangle:	Lexington, MA

2.2 Site & Vicinity Characteristics

The site consists of one, irregular-shaped parcel of land located at 34 Dudley Street in the Town of Arlington, MA. The site is located in a mixed residential and commercial area of Arlington. Nearby surface water includes Mill Brook, which abuts the site to the south.

According to the USGS Lexington, MA Quadrangle Map, the site is situated approximately 80 feet above mean sea level, as shown in **Figure 1, Attachment "A**" of this Report. The site is also identified by the Town of Arlington Assessors Department as Parcel ID# 55-2-39B, as shown in **Figure 2, Attachment "A"**.

The subject site is currently occupied by two commercial buildings, which consists of a one-story, concrete-block and vinyl-sided structure; and a one-story, wooden structure. The on-site structures currently contain four commercial occupants, which include an automobile body repair shop (Dudley Street Auto Body); a glass company (Arlington Glass); a construction company (McDonald Construction); and an automobile repair shop (Kenny Walsh).

The on-site structures are currently heated with natural gas and/or electricity; and are serviced with municipal water and sewer.

2.3 Exterior Observations

According to Arlington Assessor's Department records, the site contains a total area of 0.767 cares of land. The exterior portions of the site are asphalt-paved and utilized for parking and building access. Items noted on the exterior portions of the site included automobile eparts, trash dumpsters, and ladders.

Finally, there was no evidence of any 55-gallon drums, ASTs, existing USTs, surface water, or stressed vegetation, noted on the exterior portions of the site.

2.4 Interior Observations

According to Town of Arlington Assessor's Department records, the main on-site building was constructed in 1940 and contains 10,721 square feet of interior space. The construction year of the other on-site structure was not determined.

The interior inspection of the main on-site structure revealed it currently contaisn three tenants (Dudley Street Auto Body, Arlington Glass, and Kenny Walsh Auto Repair). This building contains offices, several garage bays, and a paint booth. Oil and/or hazardous materials noted within this structure included two, 55-gallon drums conaining waste paint and thinner; an 18-gallon waste oil caddy; and numerous small containers (up to 1 gallon each) of paint and various automobile-related fluids. These containers were noted to be in good condition, with no leaks or spills. However, it is noted that paint staining was noted in various areas throughout the "Dudley Auto Body" unit. Several above ground vehicle lifts were noted within this building. Several, gas-fired, ceiling-mounted heaters were observed throughout this building. The flooring consists of poured concrete,w ith no floor drains or other discharge points noted on the visible portions of the flooring.

The interior inspection of the on-site wooden structure located on the southwesterly portion of the site revealed it is currently utilized for office and storage space by "McDonald Construction". Items noted in this structure cosnisted of various building supplies. No oil and/or hazardous materials were observed within this building. In addition, no floor drains or other discharge points were noted on the visible portions of the flooring within this structure.

2.5 Current Use of the Property

The site is currently occupied by four commercial tenants, which include an automobile body repair shop (Dudley Street Auto Body); a construction company (McDonald Construction); a glass company (Arlington Glass); and an automobile repair shop (Kenny Walsh).

2.6 Past Uses of the Property

According to the site owner, Ms. Charlene Hasan, "Dudley Street Auto Body" and "Arlington Glass" have both operated at the site for over 30 years' and "McDonald Construction" has operated at the site for approximately one year. Ms. Hasan stated that past occupants of the site included "Executive Plumbing", "Churchill Management", and "Fitzsimmons Construction".

A review of Sanborn Atlases dated 1922, 1923, 1927, 1951, and 1973. Due to the poor resolution of the map, the use of the building at the subject site in 1973 could not be determined. Prior to that time, in 1922, 1923, and 1927, the southerly portion of the site was occupied by "Arlington Wet Wash Laundry"; and in 1951 by "B.L Cummings Local Milk". In addition, the northerly portion of the site contained a dwelling in 1922, 1923, 1927, and 1951. Please see **Attachment "F"** for copies of Sanborn Atlases.

According to a previous report prepared for the site by IES in 2000, the site was occupied by "Dudley Street Auto Sales", "Dudley Street Auto Body", and "Arlington Glass" since the early 1980's. Prior to the 1980's, the site was used for the storage and repair of taxi cabs since 1970. Prior to the 1970's, the northern portion of the site contained a residential dwelling, which was razed in 1970; and the southern portion of the site was occupied by a milk plant (B.L. Cummings), which was constructed in 1932. Prior to the 1930's, the southern portion of the site contained a laundry (Arlington Wet Wash Laundry).

2.7 Current Uses of Adjoining Properties and the Surrounding Area

The site is located in a mixed residential and commercial area in the Town of Arlington, MA. The site is adjoined to the north by Dudley Street; to the east by an office building located at 26 Dudley Street; to the south by Mill Brook; and to the west by a multi-tenant commercial building at 36 Dudley Street. The area further to the north, across Dudley Street, is occupied by residential dwellings located at 29, 33-35, and 37 Dudley Street and an automobile repair garage (A1 Automotive) located at 39 Dudley Street. The westerly abutting commercial building at 36 Dudley Street is currently occupied by "Bruce'0s Tire and Auto Service", "Summer Street Auto Care", and "McDemottre Auto Sales". The area further south of the site, past Mill Brook, is occupied by a park (Wellington Park Playground).

There were no existing tank farms, gasoline stations, commercial printers, or dry cleaners, identified in the immediate vicinity of the subject site.

2.8 Past Uses of Adjoining Properties and the Surrounding Area

A review of Sanborn Historical Atlases revealed in 1973, the area to the south of the site contained Mill Brook and Wellington Park; and the usage of the remainder of the surrounding area could not be determined due to poor resolution of this map. Further, in 1922, 1923, 1927, and 1951, the site was adjoined by dwellings, with the exception of Mill Brook to the south.

SECTION 3.0
USER/OWNER & MUNICIPAL INFORMATION

3.1 Title/Ownership Records

According to Arlington Assessor's Department records, the site is currently owned by Dudley Street Trust (Book: 14589, Page: 548).

No additional previous ownership information was available at this time since a Title Search was not supplied to IES.

3.2 Review of Environmental Liens and Activity & Use Limitations (AUL's)

To meet the requirements of 40 CFR 312.20 and 312.25, a search for the existence of environmental liens and Activity & Use Limitations (AUL's) that are filed or recorded against the property was conducted as part of this investigation.

According to "FirstSearch" report, which was prepared for the site and surrounding area by Environmental Data Resources, Inc. (EDR) of Milford, CT (updated to June 28, 2016), the subject site is not listed as the location of a Disposal Site with a Class A-3, Class A-4, Class B-2, or Class B-3 Response Action Outcome (RAO) Statement; or as the location of a Permanent Solution or Temporary Solution with Conditions. Therefore, there are no Activity & Use Limitations (AUL's) present at the site.

3.3 Specialized Knowledge

No additional specialized knowledge or experience related to the property or nearby properties was supplied to IES, such as information obtained from individuals involved in the same line of business as the current or former occupants of the property or an adjoining property, who may have specialized knowledge of the chemicals and processes used by this type of business.

3.4 Valuation Reduction for Environmental Issues

Ms. Charlene Hasan, the site owner stated that he is not aware of any current or past environmental issues associated with the site.

3.5 Commonly Known or Reasonably Ascertainable Information

No information regarding the site was obtained from sources other than those described in subsequent sections of this report involving commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases.

Specifically, information regard past uses of the property, specific chemicals that are present or once were present at the property, information on spills or other chemical releases that have taken place at

the property, and information regarding environmental cleanups that have taken place at the property are all included in other sections of this report.

3.6 Owner, Property Manager, Occupant Information

3.6.1 Interview With Owner

Ms. Charlene Hasan, the site owner, was interviewed during the site visit. According to Ms. Hasan, her family has owned the subject site for 35 years. Ms. Hasan, stated that a 10,000-gallon UST was removed from the subject site in the past. Ms. Hasan stated that she is not aware of any existing USTs at the site. Further, Mr. Hasan noted that the site buildings are heated with electricity and/or natural gas and are serviced with municipal water and sewer. Ms. Hasan noted that past occupants of the site include "Fitzsimmons Construction", "Executive Plumbing", and "Churchill Management".

3.6.2 Interview With Site Manager

Ms. Hasan is also identified as the Site Manager.

3.6.3 Interview With Occupants

An employee of "Kenny Walsh Auto Repair" stated that the waste oil generated at his business is transported to a nearby business, which utilizes it in a waste oil burner. The employee stated that there are no in-ground hydraulic lifts in his shop.

3.7 Interviews With Local Government Officials

As detailed in the following Section 4 of this report, IES contacted the Town of Arlington Fire Department, Building Department, Assessor's Department, Water & Sewer Department, Health Department, and Town Clerk's Office, in order to obtain information pertaining to the site.

3.8 Interviews with Others

No other persons were interviewed as part of this investigation.

SECTION 4.0
RECORDS REVIEW

4.1 Standard Environmental Sources – Federal Records

4.1.1 National Priority List Sites

The EPA's National Priority List (NPL) for the State of Massachusetts (updated to March 7, 2016) was reviewed for nearby EPA investigations. This research revealed that the site is not listed on the NPL databases and there are no NPL listed properties identified within a 1.0-mile radius of the subject site. In addition, there were no Federal Delisted NPL sites identified within a 0.5 mile radius of the subject site.

4.1.2 CERCLIS Listings

The CERCLIS database/Superfund Enterprise Management System (SEMS) Archive updated to March 7, 2016 by the USEPA was reviewed for nearby EPA investigations. This research revealed that the site is not listed on the CERCLIS/SEMS database. Additionally, there are no CERCLIS/SEMS listed properties identified within 0.5 miles of the subject site.

Finally, it is noted that the subject site is not included on the Federal Institutional Control/ Engineering Control (IC/EC) registries (updated to May 9, 2016).

4.1.3 RCRA CORRACTS Facilities; RCRA non-CORRACTS TSD Facilities (updated to June 27, 2016)

The subject site is not listed as a RCRA CORRACTS facility or a RCRA Non-CORRACTS TSD facility. Additionally, there are no RCRA CORRACTS facilities documented within 1.0 miles of the subject site. Further, there are no RCRA TSD facilities identified within 0.5 miles of the subject site.

4.1.4 RCRA Generators (updated to June 21, 2016)

The subject site is identified as the location of a RCRA generator (MAD037686433). Additionally, there are ten (10) other RCRA Licensed Hazardous Waste Generators identified within a 0.25-mile radius of the subject site. The RCRA Generators identified within 0.15 miles of the site are summarized in the following Table 1:

Table 1
Summary of Nearby RCRA Generators

Name/Address	Facility ID/Status	Distance/Direction
Ken's Auto Repair/ 34 Dudley Street	**MAD037686433/ NLR**	**Subject Site**
Oxbow Partners/ 23 Dudley Street	MV7818927521/ VQG	0.05 miles/ Northeast
Arlington Auto Body and Brake/ 14 Dudley Court	MAD066583188/ VSQG/CESQG	0.06 miles/ East
Wilfert Brothers Woodworking/ 22 Prentiss Road	MAD001039411/ NLR	0.06 miles/ South-Southwest
Dudley Fuel Company/ 9 Dudley Street	MAD038332714/ VSQG/NLR	0.07 miles/ West
Arlington DPW/ 51 Grove Street	MV6176461000/ VSQG	0.11 miles/ East
N/A/ 51 Grove Street	MAC30005824/ NLR	0.11 miles/ East
Mirak Lincoln Mercury Nissan/ 956 Massachusetts Avenue	MAD152164679/ NLR	0.14 miles/ South-Southwest
Coleman Road/ 956 Massachusetts Avenue	MAD152164679/ LQG	0.14 miles/ South-Southwest
Gil's Auto Body/ 960 Massachusetts Avenue	MAD062166707/ VSQG/CESQG	0.14 miles/ South-Southwest
Arlington Shell/ 934 Massachusetts Avenue	MV7816437722/ SQG	0.15 miles/ South

Notes: CESQG = Conditionally Exempt Small Quantity Generator
NLR = No Longer Regulated
VSQG/VQG = Very Small Quantity Generator
SQG = Small Quantity Generator

According to the EDR FirstSearch Report, the subject site is listed as the location of a former RCRA Generator (Ken's Auto Repair-MAD037686433), which is "No Longer Regulated" (NLR). This business generated waste solvents including Toluene, Xylene, Acetone, Methanol, Methyl Ethyl Ketone (MEK), and Benzene. There are no documented violations associated with this on-site RCRA Generator. The listing of the site as a former RCRA Generator is considered a potential on-site environmental threat.

In addition, due to the proximity, the RCRA Generators at 23 Dudley Street (MV7818927521), 14 Dudley Court (MAD066583188), 22 Prentiss Road (MAD001039411), and 9 Dudley Street (MAD038332714) are considered potential off-site environmental threats.

Further, due to the distance ($\geq$0.11 miles), the remaining RCRA generators identified in Table 1 are not considered significant off-site environmental threats at this time.

Further, due to the distance (>0.15 miles), the remaining RCRA Generators identified within 0.25 miles of the site are also not considered significant off-site environmental threats.

4.1.5 ERNS Sites (updated to March 28, 2016)

The subject site is not listed on the "Emergency Response Notification System" (ERNS) database. In addition, there are no ERNS listings identified less than 0.10 miles from the site.

4.2 Standard Environmental Sources – State Records

4.2.1 State Listed Sites (updated to June 28, 2016)

A review of State Hazardous Waste Sites (SHWS) was performed regarding releases of oil and hazardous materials that have been reported to the Massachusetts Department of Environmental Protection (MADEP).

The subject site is not listed as a DEP Disposal Site. However, there are twenty-nine (29) DEP Disposal Sites identified within 0.5 miles of the site. The Disposal Sites identified within 0.15 miles of the site are summarized in the following Table 2:

Table 2
Summary of Nearby Disposal Sites

Name/ Address	RTN #	Status	Distance/ Direction
N/A/ 29 Dudley Street	3-18101	RAO	Adjoining/ North-Northeast
Property/ 971-977 Mass. Avenue	3-0883	PENNFA	0.10 miles/ Southwest
Arlington DPW/ 51 Grove Street	3-24242	RAONR	0.11 miles/ East
	3-18405	RAONR	
	3-19754	RAO	
Adjacent to 53 Grove Street/ Grove Street	3-27866	URAM	0.13 miles/ East-Northeast
Intersection Mass. Ave. and Grove Street/ 931 Massachusetts Avenue	3-31564	RAO	0.13 miles/ South
Coleman Road/ 956 Massachusetts Avenue	3-17460	RAO	0.14 miles/ South-Southwest

RAO = Response Action Outcome statement received by DEP
URAM = Utility Related Abatement Measure
RAONR = RAO Not Required. Linked to another Release Tracking Number (RTN)
PENNFA = Pending No Further Action

Due to the proximity of the DEP Disposal Site identified at 29 Dudley Street (RTN 3-18101), pertinent regulatory files and/or records associated with this listing were reviewed at the DEP's Northeast Regional Office, in order to obtain sufficient information in determining if a Recognized Environmental Condition, Historical Recognized Environmental Condition, Controlled Environmental Condition, or a de minimis condition exists at the property in connection with this listing.

RTN 3-18101: 29 Dudley Street, Arlington, MA

A "Response Action Outcome Statement" dated November of 1999 by Phoenix Environmental Services, Inc. of Bedford, Ma was obtained from the DEP relative to this nearby DEP Site. According to the Phoenix report, a release of #2 fuel oil from an AST occurred in the basement of the residence at this property in 1998. A Release Abatement Measure (RAM) was performed utilizing bioremediation to reduce the contaminants. In addition, 7.84 tons of oil-contaminated soil was excavated and removed from the property. Phoenix stated that the residual contamination levels are "well within the respective Cleanup Standards". Phoenix concluded that a Class A-2 RAO is applicable for this release. Due to the RAO status, this nearby DEP Site is not considered a REC at this time.

Due to the distance ($\geq$0.10 miles), the remaining DEP Sites listed in Table 2 are not considered RECs or significant off-site environmental threats at this time.

Further, due to the distance (>0.15 miles), the remaining DEP Sites identified within 0.5 miles of the site are not considered RECs.

Finally, there are no "Priority" Tier 1A sites located within a 1.0-mile radius of the subject site.

4.2.2 Leaking Underground Storage Tanks (updated to June 28, 2016)

Environmental Data Resources (EDR) "FirstSearch Report" provides a list of "Leaking Underground Storage Tanks" (LUST), since Massachusetts does not have a LUST list. A spill is included in the LUST list if it originated from an underground storage tank.

The subject site is not listed as the location of a LUST or LAST Site. However, there are seventeen (7) UST-related spills and four (4) AST-related spill identified within a 0.5 mile radius of the site. There are no AST-related releases identified within 0.15 miles of the site and the UST-related releases identified within 0.20 miles of the site are summarized in the following Table 3:

Table 3
Summary of Nearby UST-Related Releases

Name/ Address	ID#/ Status	Distance/ Direction
Dudley Fuel Company/ 9 Dudley Street	3-17565/ RAO	0.07 miles/ West
	3-17599/ RAONR	
ES Johnson Construction Co./ 50 Grove Street	3-4317/ RAO	0.10 miles/ East
	3-11771/ RAO	
Arlington DPW/ 51 Grove Street	3-4241/ REMOPS	0.11 miles/ East
Arlington Shell/ 934 Massachusetts Avenue	3-2768/ RAO	0.15 miles/ South
	3-29531/ RAO	
RAO = Response Action Outcome statement received by DEP RAONR = RAO Not Required. Linked to another Release Tracking Number REMOPS = Remedy Operating Status		

Due to the proximity of the LUST listings at 9 Dudley Street (RTNs 3-17565 and 3-17599), pertinent regulatory files and/or records associated with this listing were reviewed at the DEP's Northeast Regional Office, in order to obtain sufficient information in determining if a Recognized Environmental Condition, Historical Recognized Environmental Condition, Controlled Environmental Condition, or a de minimis condition exists at the property in connection with this listing.

RTN's 3-17565 and 3-17599: 9 Dudley Street, Arlington, MA

According to DEP records, RTN 3-17599 has been linked to RTN 3-17565 for which a Class A-2 RAO was received by the DEP in 2002. IES obtained a copy of an "Immediate Response Action Completion and Response Action Outcome Statement" dated January 22, 2002 by Cyn Environmental Services of Stoughton, MA relative to these LUST listings. Cyn stated that groundwater at this property flows to the south, which is away from the subject site. During the removal of eight USTs at this site in 1998, PID readings in excess of 100 ppm were identified in the excavation, which triggered a 72-hour reportable condition. Cyn concluded that although the oil and hazardous material in the environment was not reduced to background, a "Permanent Solution was achieved". Further, Cyn stated that a "Class A-2 RAO has been achieved and no further action is required". Due to the RAO status, these nearby LUST listings are not considered RECs.

Due to the distance (≥0.10 miles), the remaining LUST Sites listed in Table 3 are also not considered RECs or significant off-site environmental threats at this time.

Finally, due to the distance (>0.20 miles), the remaining LUST and LAST Sites identified within 0.5 miles of the site are not considered significant off-site environmental threats.

4.2.3 Spills List

The subject site is not listed as the location of a DEP Spill/Release. However, there are forty (40) pre-MCP listed Spills/Releases documented within 0.5 miles of the subject site. The pre-MCP Spills identified within 0.10 miles of the site are summarized in the following Table 4:

Table 4
Summary of Nearby pre-MCP DEP Spills

ID#	Name/ Address	Material/ Quantity	Location
N87-0929	N/A/ 975 Massachusetts Avenue	Unknown/ None	0.10 miles/ Southwest
N92-0142	Brattle Realty Trust/ 50 Grove Street	Gasoline/ Unknown	0.10 miles/ East
N87-0847	N/A/ 971-977 Mass. Ave.	Unspecified/ Unspecified	0.10 miles/ Southwest
N87-1479	Vacant Lot/ 971-977 Mass. Ave.	Misc. Oil/ 251-500 Gallons	
N88-0141	N/A/ 971 Mass. Ave.	Lacquer Thinner/ 51-100 Gallons	

Due to the distance (0.10 miles), "closed" status, and amount of time that has elapsed (at least 24 years), the DEP Spills listed in Table 4 are not considered significant off-site environmental threats.

In addition, due to the distance (≥0.11 miles), the remaining DEP Spills identified within 0.5 miles of the site are also not considered significant off-site environmental threats.

4.2.4 Solid Waste/Landfill Facilities - within 0.5 miles (updated to January 31, 2016)

A review of the Active Solid Waste Landfill List (Updated to January 31, 2016) for Massachusetts revealed that there are no SWL Facilities located within 0.5 miles of the subject site. However, there is a Transfer Station (Arlington DPW) located at 51 Grove Street (ID# TR 0010.007), which is located approximately 0.11 miles east of the subject site. According to the EDR FirstSearch Report, this Transfer Station closed in 1993.

4.2.5 Registered Underground Storage Tanks (updated to August 22, 2016)

A review of the Massachusetts State Registered Underground Storage Tank list (updated to August 22, 2016) revealed that the subject site is not listed. However, there are seven (7) facilities identified within 0.25 miles of the site. The UST facilities identified within 0.10 miles of the site are summarized in the following Table 5:

Table 5
Summary of Nearby UST Facilities

Name/ Address	Capacity/ Contents	Status	Distance/ Direction
Wilfred Brothers Woodworking/ 22 Prentiss Road	(2) 2,500/ Gasoline	Removed	0.06 miles/ South-Southwest
Dudley Fuel Company/ 9 Dudley Street	(9) 1,000-20,000/ Gasoline, heating Oil, Kerosene, Diesel	Removed	0.07 miles/ West
ES Johnson Construction Co./ 50 Grove Street	2,000/ Gasoline	Removed	0.10 miles/ East

Due to the proximity, the UST facility identified at 22 Prentiss Road is considered a potential off-site environmental threat.

Due to the removed status of the USTs and the "RAO" status of contamination associated with the former USTs, the UST facility at 9 Dudley Street is not considered a significant off-site environmental threat at this time.

Due to the distance (≥0.10 miles), the remaining UST facilities identified within 0.25 miles of the site are not considered significant off-site environmental concerns at this time.

Additional information regarding USTs at the site and surrounding area is included in section 4.3.1 of the report.

4.2.6 Institutional Control & Engineering Control Registries (updated to May 9, 2016)

According to "FirstSearch" report, which was prepared for the site and surrounding area by Environmental Data Resources, Inc. (EDR) of Milford, CT, the subject site is not listed as the location of an Institutional Control (i.e. Activity & Use Limitation).

Further, according to the a "FirstSearch" report, which was prepared for the site and surrounding area by Environmental Data Resources (EDR), the subject site is not listed as the location of a Disposal Site with a Class A-4 or Class B-3 Response Action Outcome (RAO) Statement; or as the location of a Permanent Solution or Temporary Solution with Conditions. Therefore, there are no "Engineered Controls" present at the site.

4.2.7 Federal/State Brownfield Sites (updated to June 21, 2015 and December 31, 2015)

The subject site is not included on either the Federal or State Brownfield list, and there are no Federal or listed Brownfield Sites identified within 0.5 miles of the subject site. In addition, there are no, Federal or State Brownfield Sites documented within 0.5 miles of the site.

4.2.8 State and Tribal Voluntary Cleanup Sites (updated to July 27, 2015)

There were no State or Tribal Voluntary Cleanup Sites identified within a 0.5 mile radius of the subject site.

4.2.9 Historic Auto Stations and Cleaners Database (updated to February 20, 2007)

A review of EDR's list of Historic Auto Stations and Historic Cleaners indicated that the site is listed as the location of a Historic Auto Station. Between 1999 and 2012, several automobile repair businesses operated at the site, which included "A1 Automotive Repair", "Dudley Street Auto Body", and "Dudley Street Auto Sales".

4.3 Additional Environmental Record Sources

4.3.1 Town of Arlington Fire Department & Town Clerk's Office

Records regarding the storage of oil and hazardous materials at the site were requested from the Office of Fire Prevention, Arlington Fire Department. This review revealed two permits dated 2000 were issued for the removal of a 275 gallon waste oil tank and a 10,000-gallon fuel oil UST. These records indicate the 10,000 gallon fuel oil UST was located "in back parking lot". There were no records available relative to any confirmatory soils sampling done during the tanks removals. Please see **"Attachment D"** for copies of Fire Department records.

A review of records at the Arlington Clerk's Office revealed there are no records of any USTs on file for the subject site.

4.3.2 Arlington Health Department

The Town of Arlington Health Department records were requested for incidents at the site. According to Ms. Laura Munsey of the Arlington Health Department, the only record on file relative to the subject site is an Order of Conditions dated September of 1988 associated with the abutting wetlands.

4.3.3 Arlington Water and Sewer Department

The Town of Arlington Water District was contacted relative to municipal drinking water supplies at the site. The subject site is connected to the municipal water and sewer systems. The Town of Arlington receives its drinking through the Massachusetts Water Resources Authority (MWRA), which is supplied by the Quabbin and Wachusett Reservoirs.

4.3.4 Arlington Building Department & Assessor's Office

A review of records on file at the Arlington Building Department was performed as part of this assessment. This review revealed several permits on file for the site associated with building a foundation, installing garage doors, and a modular office.

A review of Arlington Assessor's Department records revealed the site is currently owned by Dudley Street Trust (Book: 14589, Page: 548). These records also revealed the main site building was constructed in 1940 and contains 10,721 square feet of interior space. Further, these records indicate the site building was heated with "oil" in the past.

4.3.5 Arlington Conservation Commission

The Arlington Conservation Commission was not contacted as part of this assessment.

4.3.6 Previous Environmental Reports

IES, Inc. previously completed a "Preliminary Site Assessment" dated July 21, 2000 (IES Project # 400-124) for the subject site. At the time of the 2000 IES investigation, the site was occupied by "Dudley Street Auto Body", "Arlington Glass", "Arlington Home and Building", and "Dudley Street Auto Sales". In the past, IES stated that the site was occupied by a taxi cab storage and repair business, a residence, a milk plant, and a laundry. According to the 2000 IES report, municipal records indicate the presence of a 10,000 gallon gasoline UST; a 1,500-gallon fuel oil UST; and a 500-gallon waste oil UST at the site, which were installed in 1970. IES noted that "no documentation regarding the removal of these tanks was on file with Arlington town offices". Potential off-site environmental threats identified in the 2000 IES report included an abutting automotive repair facility and former fuel oil terminal at 36 Dudley Street. Additional off-site environmental concerns included another nearby fuel storage terminal located at 9 Dudley Street Place, which was listed as the location of two UST-related spills (RTNs 3-17565 and 3-17599). Further, underground storage tanks documented at 26 and 39 Dudley Street were also noted as potential off-site environmental threats. The 2000 IES report recommended performing a Ground Penetrating Radar (GPR) Survey

to determine if any USTs were still present at the site; and performing a subsurface investigation to "determine the environmental status of the site".

SECTION 5.0
SUBSURFACE INVESTIGATION

5.1 Site Geology/Hydrology

The site's geology and hydrology were not determined during this investigation.

5.2 Soil Sampling And Analysis

No soil samples were collected as part of this assessment.

5.3 Groundwater Sampling And Analysis

No groundwater samples were collected as part of this assessment.

5.4 Vapor Migration

Due to the absence of any known VOCs contamination at the site; and the absence of a basement within the site buildings, the potential for vapor migration is not considered a significant concern at the site at this time. However, it is noted that absence of a vapor migration cannot be conclusively determined without additional testing.

SECTION 6.0
FINDINGS & CONCLUSIONS

6.1 Summary of Findings

This Phase I Environmental Site Assessment consisted of a historical review, a site inspection, research of State and local files, as depicted in Sections 1 through 5 of this report.

The site consists of one, 0.767-acre, irregular-shaped parcel of land located at 34 Dudley Street in a mixed residential and commercial area of the Town of Arlington, MA. The subject site is currently occupied by two commercial buildings, which include a one-story, concrete-block and vinyl-sided structure and a one-story, wooden garage. The on-site structures currently contain four commercial occupants, which include an automobile body repair shop (Dudley Street Auto Body); a glass company (Arlington Glass); a construction company (McDonald Construction); and an automobile repair shop (Kenny Walsh).

The on-site structures were built around 1940 and 1982; are currently heated with natural gas and/or electricity; and are serviced with municipal water and sewer. In the past, the site building was heated with fuel oil, as indicated in Arlington Assessor's records.

The site was occupied by "Dudley Street Auto Sales", "Dudley Street Auto Body", and "Arlington Glass" since the early 1980's. Prior to the 1980's, the site was used for the storage and repair of taxi cabs since 1970. Prior to the 1970's, the northern portion of the site contained a residential dwelling, which was razed in 1970; and the southern portion of the site was occupied by a milk plant (B.L. Cummings), which was constructed in 1932. Prior to the 1930's, the southern portion of the site contained a laundry (Arlington Wet Wash Laundry).

According to a 2000 IES report previously prepared for the site, municipal records indicate the presence of a 10,000 gallon gasoline UST; a 1,500-gallon fuel oil UST; and a 500-gallon waste oil UST at the site, which were installed in 1970. IES noted that "no documentation regarding the removal of these tanks was on file with Arlington town offices".

"Recognized Environmental Conditions" (REC's) identified during this assessment include the evidence of the presence of two existing USTs and one former UST at the site. According to the 2000 IES report, municipal records indicate the presence of a 10,000 gallon gasoline UST; a 1,500-gallon fuel oil UST; and a 500-gallon waste oil UST at the site, which were installed in 1970. A review of Arlington Fire Department records revealed the 10,000-gallon UST was removed in September of 2000. The Fire Department did not have any records of the removal of the other two USTs or of any confirmatory soil sampling performed during the 10,000-gallon UST removal.

No "Historical Recognized Environmental Conditions" (HRECs) or Controlled Recognized Environmental Conditions (CRECs) were identified during this assessment.

Potential on-site environmental threats include the use of the site for automobile repair and body work dating back to the 1980's; and the associated above ground storage of OHM in the site building. In

addition, the former use of the site as a taxi cab repair facility is also noted as a potential on-site environmental concern. In addition, the listing of a business at the site (Ken's Auto Repair) as a RCRA Generator (MAD037686433), which is "No Longer Regulated" (NLR) is also noted as a potential on-site environmental threat.

Potential off-site environmental threats identified during this assessment include the westerly and northerly abutting automobile repair facilities (Bruce's Tire and Auto Service, Summer Street Auto Care, and A1 Automotive) located at 36 and 39 Dudley Street. Additional potential off-site environmental threats include the nearby RCRA Generators at 23 Dudley Street (MV7818927521), 14 Dudley Court (MAD066583188), 22 Prentiss Road (MAD001039411), and 9 Dudley Street (MAD038332714); the UST facilities at 9 Dudley Street and 22 Prentiss Road; and the DEP listings at 29 Dudley Street (RTN 3-18101) and 9 Dudley Street (RTNs 3-17565 and 3-17599). However, mitigating factors include the RAO status of RTNs 3-18101, 3-17565, and 3-17599.

Further, please note that if any contamination is detected at the site that originates from an off-site source, the site owner has the option to file a "Downgradient Property Status Submittal" pursuant to 310 CMR 40.0180. According to 310 CMR 40.0184(1), "any person who establishes and maintains Downgradient Property Status....shall not be subject to the deadlines for Tier Classification and Comprehensive Response Actions" and applicable fees.

6.2 Conclusions & Opinion

"We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 34 Dudley Street in Arlington, MA, the property. Any exceptions to, or deletions from, this practice are described in this report. This assessment has revealed evidence of a Recognized Environmental Condition (REC) in connection with the property.

Due to the aforementioned REC and potential on-site and potential off-site environmental threats, the subject site is considered a **"Moderate/High Environmental Risk"** (see **Attachment "AAA"**) regarding soil and/or groundwater contamination. In addition, it is our opinion that in accordance with IES's Cleanup Risk Rating, which is depicted in **"Attachment AA"**, IES would classify the site as a **"Moderate/High Cleanup Risk"** due to the absence of any removal documentation association with two USTs at the site and the absence of confirmatory soil sampling associated with the 10,000-gallon fuel oil UST that was removed from the site.

6.3. Recommendations for Further Investigation

It is the recommendation of IES, Inc. that a Ground Penetrating Radar (GPR) survey be performed at the site, in order to determine if the two USTs with no removal documentation are still present. The cost of a GPR survey is approximately $2,500.00 and can be completed in approximately 2 weeks. If any abandoned USTs are discovered during the GPR survey, a UST Removal program would be warranted.

In addition, if you desire to conclusively determine if the REC, and potential on-site and off-site sources of contamination have impacted the soil and/or groundwater at the site, a subsurface

investigation is recommended. This investigation should include the advancement of test borings, monitoring well installation, soil sample screening, and laboratory analysis of soil and/or groundwater samples. The cost of a Phase II Subsurface Investigation is estimated at approximately $9,000.00, and can be completed within 3-4 weeks.

SECTION 7.0
LIMITATIONS & CONDITIONS

1. The purpose of this Phase I Environmental Assessment Report is to address the likelihood of a release or threat of release of oil or hazardous materials at the subject site. The information obtained from sub-contractors, personal interviews, public records, and maps is subject to the personal recollection of those persons interviewed, and the availability and accuracy of the records on file with the State and municipal agencies. IES not be responsible for errors resulting from incorrect information provided by these sources.
2. This report was designed to assess the physical characteristics of the Site with regard to the likelihood of a release or threat of release of oil or hazardous materials and no attempt was made to investigate the regulatory compliance of the Site regarding Federal, State, or Local Laws and Regulations.
3. Our conclusions are based on the contents of this report and are a result of the interpretation of the existing data that was compiled.
4. If additional historical or analytical data becomes available, IES shall reserve the right to review this material to determine if the conclusions in this report are to be modified or updated.
5. IES has not made any attempt to definitively determine any impact that any release or threat of release, from the subject site, has on any surrounding properties nor has IES made any attempt to definitively determine any impact that any release or threat of release, from any surrounding properties, has on this subject site, therefore, if determination of said impacts are required by the Client, and in-depth subsurface exploration program must be undertaken and IES further recommends consultation with an attorney be initiated to determine the potential for liabilities.
6. Any laboratory analysis of samples collected by IES, at or beneath the site, was completed by independent laboratories. Unless otherwise noted in this Report, IES has accepted their data at face value without additional verification. No warranty the analytical results or procedures is expressed or implied by IES. Laboratory analyses are limited to those discussed in the report unless otherwise specified.
7. This Report is only a Phase I Environmental Site Assessment and additional work may be required, as defined in the Massachusetts Contingency Plan (MCP 310 CMR 40.0480), in order to complete a Phase I-Initial Site Investigation Report (Phase I Report), and should you desire to proceed with a Phase I Report, a more detailed description of this additional work will be forwarded to you in a subsequent Proposal.
8. The Report produced, in accordance with the aforementioned Scope of Work, is only a Phase I Environmental Site Assessment Report, and should this site exhibit a release, additional work may be required, as defined in the Massachusetts Contingency Plan (MCP 310 CMR 40.0480), in order to complete a Phase I-Initial Site Investigation Report (Phase I Report).
9. IES's completion of this project was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area. IES observed a degree of care and skill generally exercised by other consultants under similar circumstances and conditions. IES's findings and conclusions must be considered not as scientific certainties, but rather as our professional opinion concerning the significance of the limited data gathered during the course of this project. No other warranty, expressed or implied, is made. IES does not and cannot represent that the sites does not contain any hazardous substances, contaminants, pollutants, petroleum hydrocarbons, or any other latent conditions beyond that observed by IES during the course of this Project. The conclusions presented in this Report were based solely upon

the services described therein, and not on scientific tasks or procedures beyond the scope of the described services or the time and budgetary constraints imposed by the Client.

SECTION 8.0
REFERENCES

8.1 Public Information Contacts

NAME	TITLE	AFFILIATION	TELEPHONE
John Kelly	Clerk	Arlington Fire Department	781-316-3800
N/A	Clerk	Arlington Building Department	781-316-3395
Laura	Clerk	Arlington Board of Health	781-316-3170
Nancy	Clerk	Arlington Town Clerk's Office	781-316-3070
N/A	Clerk	Arlington Assessor's Office	781-316-3050
Wayne	Clerk	Arlington Water Department	781-316-3104
Ethan Gould	File Review	DEP-Northeast Regional Office	978-694-3200
Ms. Charlene Hasan	Site Owner	Dudley Street Trust	978-495-0590

8.2. References

1. "Bedrock Geologic Map of Massachusetts", E-an Zen, 1983.

2. Emergency Response and Waste Site Cleanup files, Massachusetts Department of Environmental Protection (DEP) Northeast Regional Office, Wilmington, MA.

3. BWSC/GIS "Priority Resource Map", Lexington, MA. DEP NERO, Wilmington, MA

4. USEPA Region I, Superfund Enterprise Management System Archive database (updated to March 7, 2016)

5. USEPA Region I, National Priority List (NPL) (updated to March 7, 2016)

6. "Sanborn Atlases of Arlington" (dated 1922, 1923, 1927, 1951, and 1973)

7. Town of Arlington Building Department, Clerk's Office, Assessor's Office, Fire Department, Health Department, and Water Department

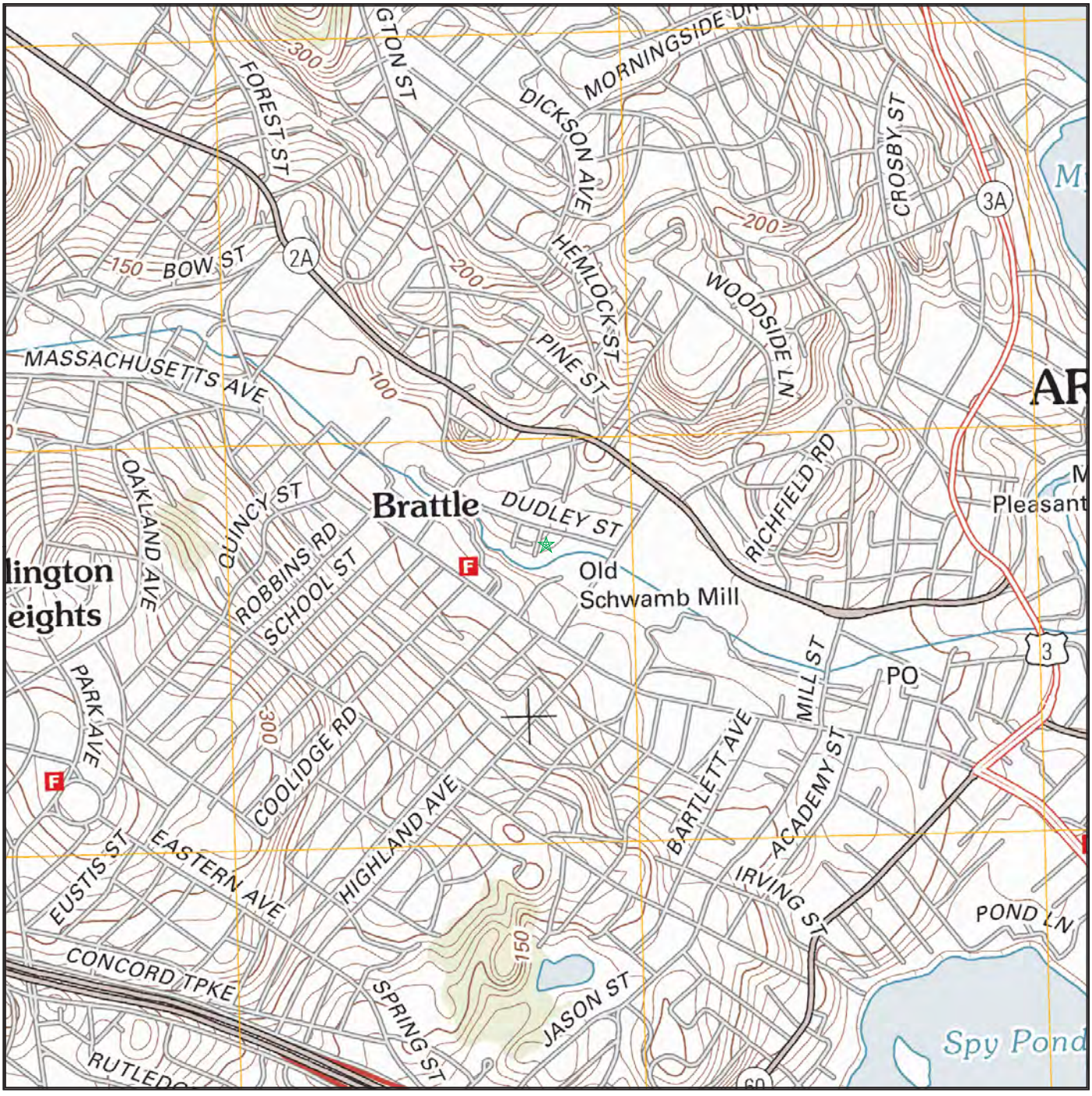
ATTACHMENT "A"

FIGURES & PHOTOGRAPHS

Site location Map

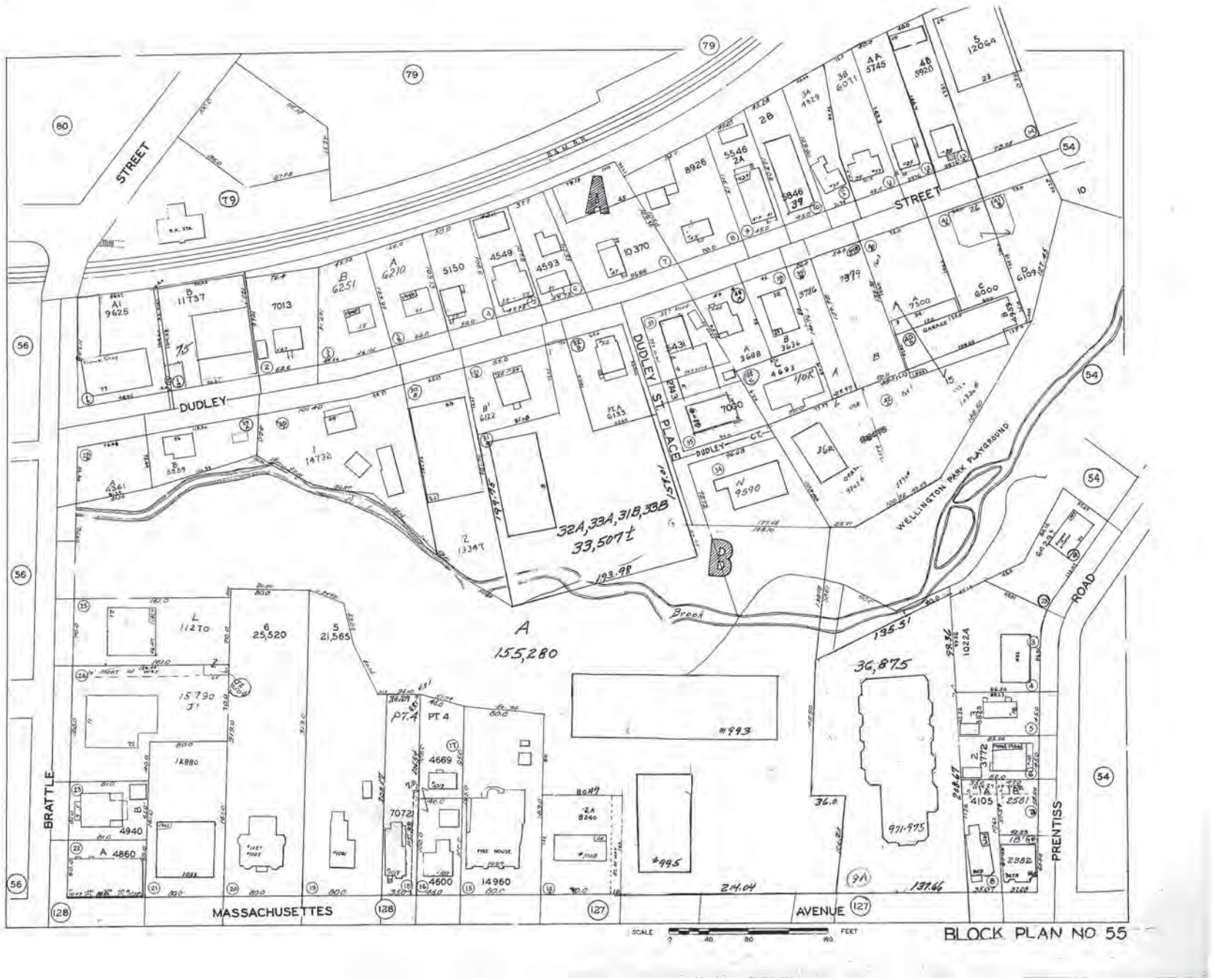
Topo: 0.75 Mile Radius

34 DUDLEY STREET ARLINGTON, MA 02476



Map Image Position: TP
Map Reference Code & Name: 5646205 Lexington
Map State(s): MA
Version Date: 2012

EDR Reference Code (EDR Internal use only): 4773766.1s
16-11-07.14:53:57.Mon

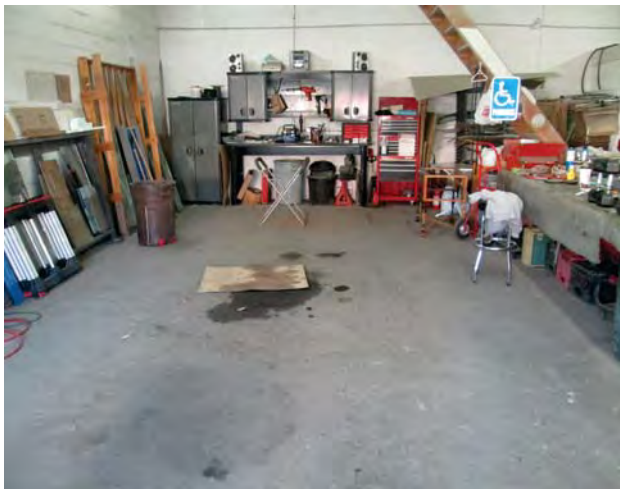

STREET
DUDLEY
DUDLEY ST. PLACE
DUDLEY CT.
WELLINGTON PARK PLAYGROUND
ROAD
BRATTLE
MASSACHUSETTES
AVENUE
PRENTISS
32A,33A,318,33B
33,507±
155,280
36,875
#993
#995
971-975
Brook
SCALE
FEET
BLOCK PLAN NO 55

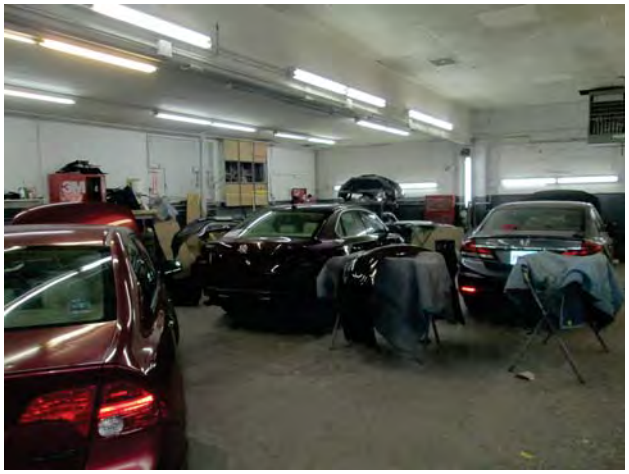







MATRIX
SYSTEM
MATRIX





GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS

FOR THE LOCATION
AND INVESTIGATION OF:

Underground Storage Tanks

AT THE FOLLOWING
LOCATION:



34 Dudley Street
Arlington, MA

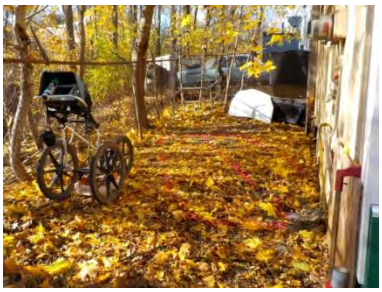
PREPARED FOR:

Quotation# 1.6314.16

IES of Massachusetts
50 Salem Street, Building A - Suite 108
Lynnfield, MA 01940

PREPARED BY:

Sub-Surface Informational Surveys Incorporated
143C Shaker Road, Suite 206
East Longmeadow, MA 01028-0452



"Let us Seek and Find"

December 2, 2016

GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS

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Email – ray@subsurfaceinc.com

1.0 INTRODUCTION **1-1**

1.1 Purpose and Scope of Work

2.0 GEOPHYSICAL SURVEY **2-1**

2.1 Geophysical Survey Procedures
2.2 Geophysical Survey Results

3.0 GPR ANALYTICAL RESULTS **3-1**

(Data with applicable annotations)

4.0 GPR SAMPLE PROFILES COLLECTED IN THE FIELD **4-1**

5.0 ACQUIRING PROCEDURES **5-1**



GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS

SUB-SURFACE INFORMATIONAL SURVEYS, INC
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1.0 Introduction

In accordance with your authorization, Sub-Surface Informational Surveys, Inc. (SIS) reports to you the results of the ground penetrating radar survey performed on December 2, 2016 at 34 Dudley Street Arlington, MA. This survey directed by your approval of SIS quotation #1.6314.16 dated November 16, 2016.

1.1 Purpose and Scope

The purpose of the ground penetrating radar survey was an investigation for the location of underground storage tanks within an area of 0.75 acres.



Above images show site map of GPR survey area provided by the IES of Massachusetts.

GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS

Geophysical Survey

Sub-Surface Informational Surveys Incorporated performed the geophysical survey. A transducer operator/supervising GPR technician performed the survey.

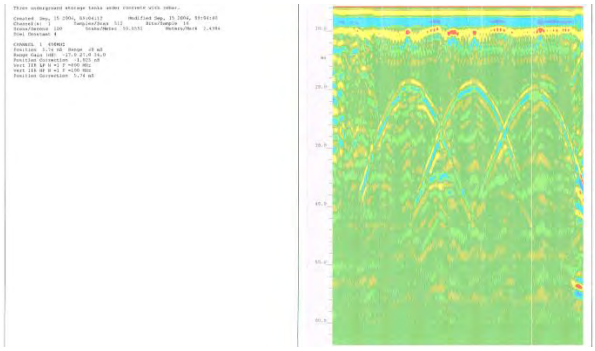
2.1 Geophysical Survey Procedures

The depth setting of the GPR survey was approximately 10.00' to locate any existing and unknown anomalies. An increase of high conductivity was located approximately 0.00' to 04.75' below the surface. The increase in conductivity is commonly caused by the capillary fringe of the water table, clays, silts, or organics. GPR traverses were conducted with a maximum of a 2.00' spacing to better conduct the GPR survey. Typically a 5.0' – 10.0' spacing is sufficient to detect all large capacity UST's (500-gallon or greater), septic systems and underground utilities with a high degree of certainty. The spacing of a maximum of 2.0' was implemented to better define any existing suspected anomalies. Traverses were conducted in both north/south and east/west directions to form a grid pattern. Traverses were conducted around all surface obstructions such as walls, curbs, vehicles, equipment, fence, dumpsters, etc... Anomalies detected in the GPR data common to possible suspect underground utilities and/or storage tanks were marked on the ground with paint on the day of the survey. All depths are approximate based on an estimation of the dielectric constants of the subsurface.

The following is an explanation of the equipment used during our survey:

1. The equipment used to conduct the geophysical survey included GPR equipment, which consists of **subsurface interface radar** (SIR-3000) computer manufactured by Geophysical Survey Systems, Inc., power supply, graphic recorder, video display unit, and transmitting/receiving antenna. The equipment is known collectively as a **GPR** system. The transmitting/receiving antenna transmits electromagnetic signals into the subsurface and then detects, amplifies and displays reflections of the signal on a graphic recorder and a video display unit. As the antenna is moved slowly across the ground surface or surface of contact, a radar image of the subsurface is produced. The maximum depth of penetration of the GPR signal and the resolution of the reflections are a function of the antenna frequency and the electrical properties of the subsurface. As electrical conductivity of the subsurface increases, GPR signal penetration decreases. GPR reflections are produced by spatial changes in the physical properties of the subsurface (I.e., type of material, presence of any subsurface fluid and porosity) and related changes in the electrical properties of the subsurface material in the path of the signals. The greater the difference in the subsurface structures the stronger the GPR reflection seen in the data.

Characteristics that are considered in the interpretation of the GPR data from a given site include the size, shape, and amplitude of the reflections. Metallic underground storage tanks (UST's), utilities and conduits have electrical properties uniquely different from those of the soils in which they are buried. As a result, the GPR reflections are usually of high amplitude and have distinctive shapes. For GPR profiles oriented perpendicular to the long axis of the tanks, the signature is similar to a hyperbola. The signature is also a function of the tank diameter.



GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS

SAMPLE PHOTO: above represents a sample of data collected by Sub-Surface Informational Surveys, Inc. on Sept. 15, 2004 at a site in the State of CT. It shows three (3) Underground Storage Tanks (UST's) with the centerline at the top of the parabolas. This data was taken through concrete, with rebar. NOTE: The above <u>is not</u> part of the data collected for this survey.

2. **Pipehorn 500 Dual-Transmitter, Dual-Frequency Locator:** This unit has two separate transmitters. One operates at the highest frequency available in sweeping an area of tracing poor conductors such as iron pipes, fiber optic cable w/tracer tape. A second, low frequency transmitter enables us to quickly isolate a single conductor in congested areas, or to trace for a long distance. **NOT IMPLEMENTED**

3. **The Verifier G2:** This unit provides digital signal processing for a variety of applications. The unit offers Active, Passive and Beacon locating modes. The unit transmits via direct line connections, induction clamp or induces broadcast signals. An 80 kHz frequency facilitates locating metallic lines with insulators that weaken or block low frequencies. In passive mode, detects signals generated by 50/60 HZ power as well as radiated radio frequencies. **NOT IMPLEMENTED**

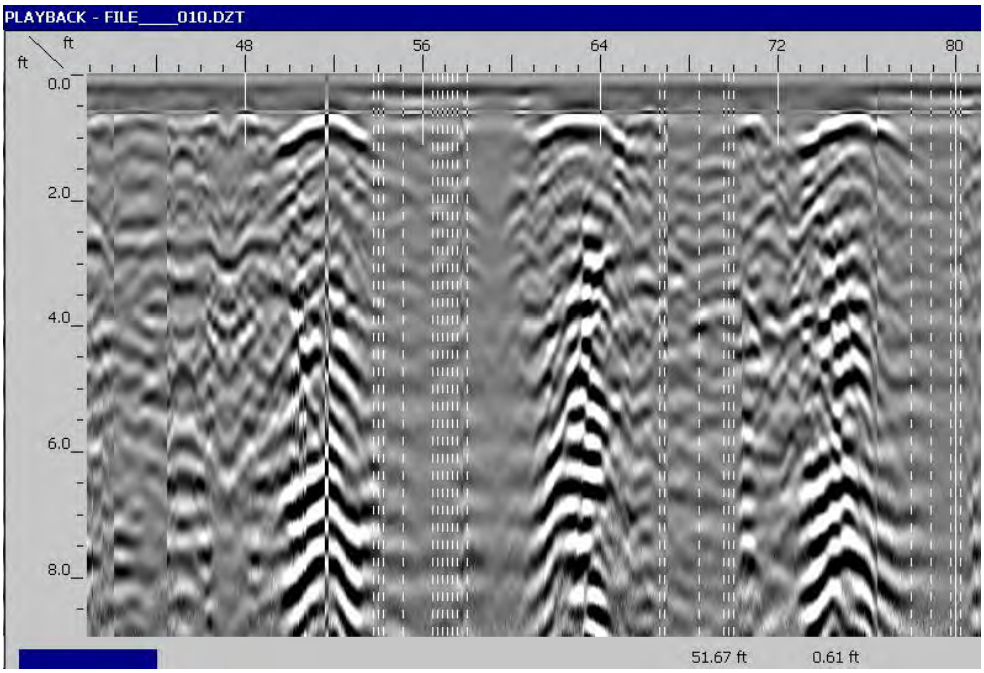
2.2 <u>Geophysical Survey Results</u>

A Ground Penetrating Radar (GPR) survey was conducted in specific asphalt, concrete, and stone covered areas adjacent the building located at 34 Dudley Court as directed by the IES of Massachusetts on site project manager for the location of underground storage tanks. Parabolic anomalies consistent with one (1) possible suspect underground storage tank (UST) were detected in the GPR data collected in the survey areas on the day of the survey. GPR anomalies consistent with possible suspect underground utilities were detected in the GPR data and marked on the ground with paint on the day of the survey..



Above photo shows survey area where GPR anomalies consistent with a possible suspect underground storage tank were detected in the GPR data. The location of these detected GPR anomalies and were marked on the ground with paint on the day of the survey.

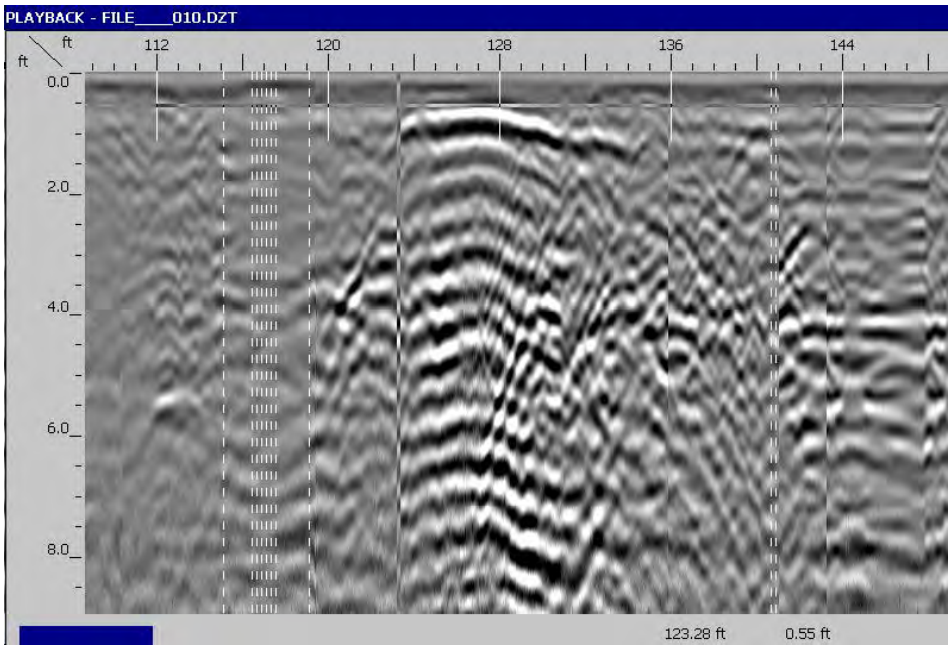
GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS



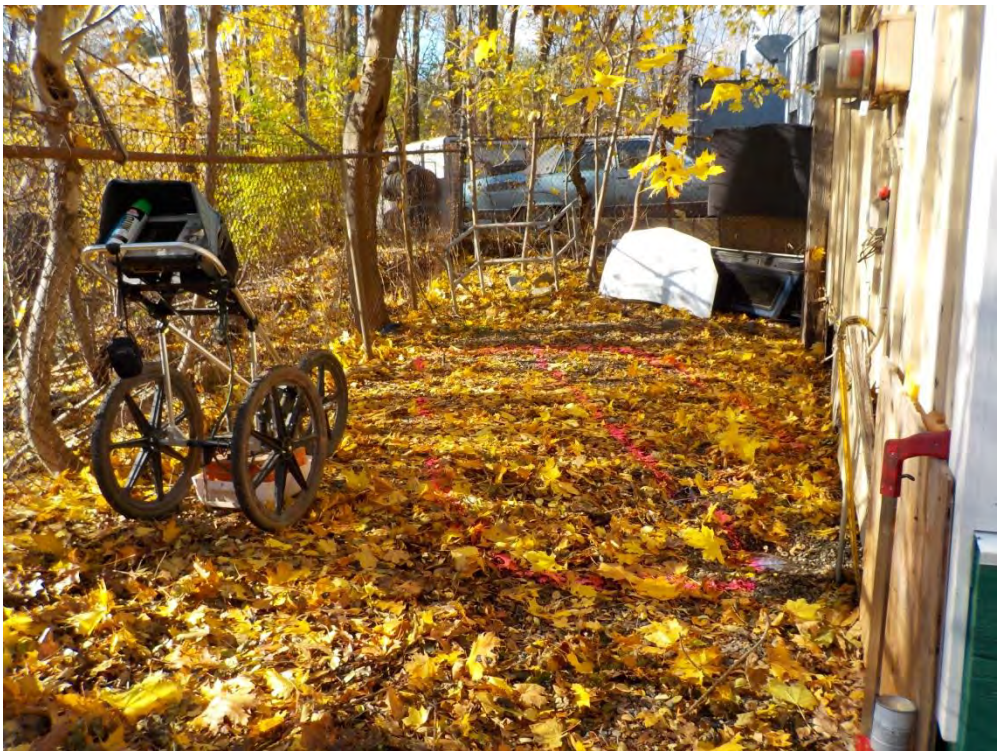
The above image represents GPR data collected in survey area pictured previously. GPR anomalies with similarities to a possible suspect underground void can be seen starting at 51.67' into the GPR data at an approximate depth of 00.61'. The locations of the anomalies were marked on the ground with paint on the day of the survey as seen below.



GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS



The above image represents GPR data collected in survey area pictured previously. GPR anomalies with similarities to the long axis of a possible suspect underground storage tank can be seen starting at 123.28' into the GPR data at an approximate depth of 00.55'. The locations of the anomalies were marked on the ground with paint on the day of the survey as seen below.



GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS

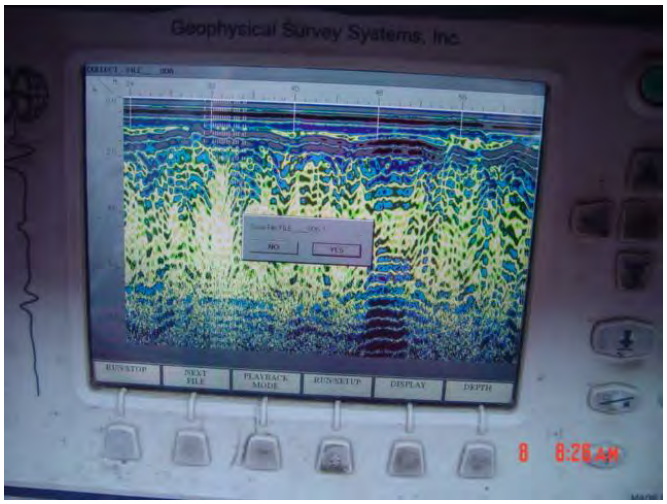


Above photo shows green paint marking location of detected suspect underground drainage utilities.



All survey results were reviewed with the IES of Massachusetts project manager on the day of the survey.

GROUND PENETRATING RADAR (GPR)
SURVEY RESULTS



Sample: Real-time data collected



SIR-3000 GPR System used in this survey





END OF REPORT

Prepared For:
Ms. Charlene Hasan
95 Hildreth Street
Westford, MA 01886

January 9, 2017

UST REMOVAL ASSESSMENT

34 Dudley Street
Arlington, MA
IES Project # 2016-11-0825

Prepared By:
IES, Inc.
50 Salem Street – Building A
Lynnfield, MA 01940
617-623-8880

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Established 1986

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Kevin Taylor: (860) 664-1579
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Steven Iorio: (617) 623-8880 ex. 208
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January 10, 2017

Ms. Charlene Hasan
95 Hildreth Street
Westford, MA 01886

Re: IES Project # 2016-11-0825
UST Removal Assessment
34 Dudley Road
Arlington, MA

Dear Ms. Hasan,

As requested, and in accordance with the Terms of our Contract dated December 6, 2016, IES was on-site to observe the removal of one abandoned Underground Storage Tank (UST) located behind the garage building situated on the southwesterly corner of the site, and to collect confirmatory soil samples for laboratory analysis. This program was performed pursuant to the requirements detailed in Section 80.43 (Requirements for Removal and Permanent Closure-in-Place) of the DEP's "Underground Storage Tank Systems" document dated January 2, 2015 (310 CMR 80.00 and 527 CMR 1.00 § 66.21.7.4.3.4).

A. INTRODUCTION

According to a "Phase I Environmental Site Assessment" report dated November 15, 2016, previously prepared by IES, Inc., a total of three USTs were documented at the subject site, which consisted of a 10,000-gallon gasoline UST; a 1,500-gallon fuel oil UST; and a 500-gallon waste oil UST. Arlington Fire Department records indicated the 10,000-gallon gasoline UST was removed in 2000. However, no records were available relative to the other two USTs.

In order to determine if the remaining two documented USTs were removed from the site, a Ground Penetrating Radar (GPR) survey was performed at the site by Subsurface Informational Surveys, Inc. of East Longmeadow, MA on December 2, 2016. The results of the GPR survey revealed that "parabolic anomalies consistent with one possible suspect underground storage tank were detected in the GPR data". No other parabolic anomalies consistent with USTs were identified at the site in the GPR survey area.

B. UST CLOSURE

IES was on-site on December 20, 2016, to witness the removal of the suspect abandoned UST. Donadio Environmental Services of Braintree, MA and Global Contracting Services Inc. of Taunton, MA were contracted by the site owner, to perform the tank removal activities.

On December 20, 2016 Global Contracting unearthed the suspect UST, which was situated immediately to the south (behind) of the on-site garage building. Periodic soil sample screening utilizing a portable MiniRAE Lite photoionization detector (PID) to determine the presence of

Volatile Organic Compounds (VOC's) in the soil headspace of the overburden soil obtained from the UST excavations revealed no elevated headspace readings above background (0.0 ppmv).

The UST was cut open by Global, which revealed a very small amount of water was present in the bottom of the tank. Fire Inspector Kelly of the Arlington Fire Department was present to witness the removal of the UST. Mr. Kelly stated that a permit to remove the UST was not required due to the contents (water) of the tank. The tank was transported off-site by Global and disposed of at JW Grants in Hyde Park, MA. Please see **"Attachment "A"** for photographs of the UST removal activities.

After the tank was removed, soil samples were obtained pursuant to the requirements detailed in the DEP's "Underground Storage Tank Systems" document dated January 2, 2015.

An inspection of the UST excavation revealed no suspect soil staining or olfactory evidence of a petroleum release. A total of five soil samples were collected from the bottom and sidewalls of the excavation. The soil samples were screened in the field with a portable MiniRAE Lite photoionization detector (PID) to determine the presence of Volatile Organic Compounds (VOC's) in the soil headspace. The headspace screening results revealed no elevated headspace VOC readings in any of the soil samples collected from the excavation.

In order to confirm that a release had not occurred at the site above RCS-1 standards, one composite soil sample was forwarded to Phoenix Laboratories, Inc. of Manchester, CT for the testing of Volatile Petroleum Hydrocarbons (VPH) with target analytes and Extractable Petroleum Hydrocarbons (EPH) with Polycyclic Aromatic Hydrocarbons (PAHs). In addition, a sample of the liquid within the tank was also obtained and submitted for laboratory analysis of EPH, PAHs, and VPH with target analyses.

For the laboratory results, the chain-of custody, and laboratory certifications please see **Attachment "B"** at the end of this report. These activities were performed pursuant to the testing requirements detailed in the DEP's "Underground Storage Tank Systems" document dated January 2, 2015.

The results of the confirmatory soil testing revealed elevated levels of C11-C22 Aromatics (190 mg/kg) and several PAHs were identified in the composite soil samples that was tested, as detailed in the following Table 1:

IES Inc. ENVIRONMENTAL CONSULTANTS Established 1956

Table 1
Summary of UST Confirmatory Soil Testing Results

Sample ID:	**UST-S**	**RCS-1**
Headspace VOC's (ppmv)	0.0	
VPH (mg/kg):		
C_5-C_8 Aliphatics	ND	100
C_9-C_{12} Aliphatics	ND	1,000
C_9-C_{10} Aromatics	ND	100
Target VOC's (mg/kg):	ND	N/A
EPH (mg/kg)		
C_{11}-C_{22} Aromatics	190	1,000
C_{19}-C_{36} Aliphatics	ND	3,000
C_9-C_{18} Aliphatics	ND	1,000
PAHs (mg/kg)		
Anthracene	14	1,000
Benzo(a)anthracene	**32**	7
Benzo(a)pyrene	**26**	2
Benzo(b)fluoranthene	**26**	7
Benzo(g,h,i)perylene	15	1,000
Benzo(k)fluoranthene	23	70
Chrysene	33	70
Dibenzo(a,h)anthracene	**4.3**	0.7
Fluoranthene	72	1,000
Fluorene	6.5	1,000
Indeno(1,2,3-cd)pyrene	**17**	7
Pyrene	56	1,000

ND = Not Detected
Bold = Above RCS-1 Reportable Concentrations

As shown in Table 1, elevated levels of several PAHs were identified in the soil sample, at concentrations above the applicable RCS-1 Reportable Concentrations. However, due to the visual evidence of fill material in this soil sample, the sample was subsequently submitted to Microvision Laboratories of Chelmsford, MA for Coal Ash Microscopic analysis. This analysis detects and documents the presence of any coal, coal ash, asphalt, or wood ash that may be present in soil samples utilizing a combination of microscopy techniques including Polarized Light Microscopy (PLM) and Scanning Electron Microscopy with Energy Dispersive X-Ray Spectroscopy (SEM/EDS).

According to the Microvision report, two suspect particles were identified in the confirmatory soil sample. In regard to these particles, Microvision stated that the "PLM examination indicated the particle type to be consistent with coal ash"; and "the EDS Spectrum indicates this particle type is coal ash". Please see **"Attachment "B"** for a copy of the Microvision Laboratories report.

It should be noted that based on the DEP's May 2002 "Technical Update – Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil", it is the opinion of IES, pursuant to 310 CMR 40.0006, the elevated level of PAHs identified in the Urban Fill at the site are considered anthropogenic background. Anthropogenic Background is defined as "levels of oil and hazardous material that would exist in the absence of the disposal site of concern" and which are:

IES Inc. ENVIRONMENTAL CONSULTANTS Established 1956

(a) attributable to atmospheric deposition of industrial process or engine emissions and are ubiquitous and consistently present in the environment at and in the vicinity of the disposal site of concern;
(b) attributable to Historic Fill;
(c) associated with sources specifically exempt from the definitions of disposal site or release as those terms are defined in MGL c. 21E and 310 CMR 40.0006;
(d) releases to groundwater from a public water supply system; or
(e) petroleum residues that are incidental to the normal operation of motor vehicles.

Historic Fill is defined as "Material that based on the weight of evidence and consistent with the Conceptual Site Model":

(a) was emplaced before January 1, 1983;
(b) may contain, but is not primarily composed of, construction and demolition debris, reworked soils, dredge spoils, coal ash, wood ash or other solid waste material;
(c) was contaminated with metals, hydrocarbons, and/or polycyclic aromatic hydrocarbons prior to emplacement, at concentrations consistent with the pervasive use and release of such materials prior to 1983;
(d) does not contain oil or hazardous materials originating from operations or activities at the location of emplacement;
(e) is not and does not contain a generated hazardous waste, other than Oil or Waste Oil;
(f) does not contain chemical production waste, manufacturing waste, or waste from processing of metal or mineral ores, residues, slag or tailings; and
(g) does not contain waste material disposed in a municipal solid waste dump, burning dump, landfill, waste lagoon or other waste disposal location.

Pursuant to 310 CMR 40.0317(9), "releases of oil and/or hazardous material related to coal, coal ash, or wood ash, excluding wood ash resulting from the combustion of lumber or wood products that have been treated with chemical preservatives" do not require notification. Therefore, it is the opinion of IES, Inc. that the release of PAHs identified in the soil at the site are exempt from DEP notification.

According to 310 CMR 40.0361(1)(a), the soil at the site is classified as Category RCS-1 for reporting purposes. This is due to the fact that the site is located at or within 500 feet of a residential dwelling, a residentially zoned property, school, playground, recreational areas or park.

In order to determine the type of material the small amount of liquid in the bottom of the UST, a sample of this liquid was forwarded to Phoenix Laboratories, Inc. of Manchester, CT for the testing of Volatile Petroleum Hydrocarbons (VPH) with target analytes and Extractable Petroleum Hydrocarbons (EPH) with Polycyclic Aromatic Hydrocarbons (PAHs).

The results of the testing of the UST contents revealed slightly elevated levels of Toluene and several PAHs were identified in the sample of liquid obtained from the UST. However, all of these levels were below the most stringent RCGW-1 Reportable Concentration, as detailed in the following Table 2:

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Table 2
Summary of UST Contents Testing Results

Sample ID:	UST-GW	RCGW-1
VPH (mg/l):		
C_5-C_8 Aliphatics	ND	0.3
C_9-C_{12} Aliphatics	ND	0.7
C_9-C_{10} Aromatics	ND	0.2
Target VOC's (mg/l):	ND	
Toluene	0.0014	1
EPH (mg/l)		
C_{11}-C_{22} Aromatics	ND	0.2
C_{19}-C_{36} Aliphatics	ND	14
C_9-C_{18} Aliphatics	ND	0.7
PAHs (mg/l)		
Benzo(a)anthracene	0.00017	0.001
Benzo(a)pyrene	0.00012	0.0002
Benzo(b)fluoranthene	0.00013	0.001
Benzo(k)fluoranthene	0.00011	0.001
Chrysene	0.00013	0.002
Indeno(1,2,3-cd)pyrene	0.00007	0.0005

ND = Not detected above laboratory quantitation limits
Bold = Above RCS-1 Reportable Concentrations

C. DEP NOTIFICATION

Based on the absence of VOC's above the 72-Hour reporting threshold (100 ppm) in the soil samples collected from the UST closure program; the low levels of EPH and MCP exemption associated with the elevated levels of PAHs in the confirmatory soil sample obtained from the UST excavation, a reportable release has NOT been identified and it is the opinion of IES, Inc. that DEP notification is NOT required at this time.

D. MANAGEMENT OF CONTMINATED SOIL/GROUNDWATER

No contaminated soil or groundwater was encountered during the UST removal program, and therefore, the management of contaminated soil and/or groundwater was not required at this time.

E. CONCLUSIONS

A 3,000-gallon abandoned UST was removed from the site on December 20, 2016 by Donadio Environmental Associates of Braintree, MA and Global Contracting Services of Taunton, MA, under the supervision of IES, Inc. Upon removal, the UST was noted to be in good condition, with no visible holes, pitting or other damage. Headspace screening of soil samples obtained from the sidewalls and bottoms of the UST grave, as well as from below the fill lines revealed no elevated headspace readings in any of the soil samples obtained. Additionally, laboratory testing of one composite soil sample revealed that elevated levels of several PAHs were identified in the soil sample, at concentrations above the applicable RCS-1 Reportable Concentrations. However, due to

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the visual evidence of fill material in this soil sample, the soil sample was subsequently submitted to Microvision Laboratories of Chelmsford, MA for Coal Ash Microscopic analysis. According to the Microvision report, two suspect particles were identified in the confirmatory soil sample. In regard to these particles, Microvision stated that the "PLM examination indicated the particle type to be consistent with coal ash"; and "the EDS Spectrum indicates this particle type is coal ash".

Pursuant to 310 CMR 40.0317(9), "releases of oil and/or hazardous material related to coal, coal ash, or wood ash, excluding wood ash resulting from the combustion of lumber or wood products that have been treated with chemical preservatives" do not require notification. Therefore, it is the opinion of IES, Inc. that the release of PAHs identified in the soil at the site are exempt from DEP notification.

In order to determine the type of material the small amount of liquid in the bottom of the UST was, a sample of this liquid was forwarded to Phoenix Laboratories, Inc. of Manchester, CT for the testing of Volatile Petroleum Hydrocarbons (VPH) with target analytes and Extractable Petroleum Hydrocarbons (EPH) with Polycyclic Aromatic Hydrocarbons (PAHs).

The results of the testing of the UST contents revealed slightly elevated levels of Toluene and several PAHs were identified in the sample of liquid obtained from the UST. However, all of these levels were below the most stringent RCGW-1 Reportable Concentration.

Finally, it is the opinion of IES, Inc. that a reportable release was not identified during this UST removal program and as a result, **No Further Action** is necessary at the site with respect to this former UST.

IES is pleased to have been of service to you, and should you have any questions regarding this report, please do not hesitate to call our office.

Respectfully submitted,
IES, Inc.

Kerry Asetta
Vice President

Reviewed by:

Steven Iorio
Project Manager

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LIMITATIONS

1. The purpose of this UST removal program was to remove an abandoned suspect UST. The information obtained from sub-contractors, personal interviews, public records, and maps is subject to the personal recollection of those persons interviewed, and the availability and accuracy of the records on file with the State and municipal agencies. IES not be responsible for errors resulting from incorrect information provided by these sources.
2. This report was designed to assess the physical characteristics of the Site with regard to the likelihood of a release or threat of release of oil or hazardous materials and no attempt was made to investigate the regulatory compliance of the Site regarding Federal, State, or Local Laws and Regulations.
3. Our conclusions are based on the contents of this report and are a result of the interpretation of the existing data that was compiled.
4. If additional historical or analytical data becomes available, IES shall reserve the right to review this material to determine if the conclusions in this report are to be modified or updated.
5. IES has not made any attempt to definitively determine any impact that any release or threat of release, from the subject site, has on any surrounding properties nor has IES made any attempt to definitively determine any impact that any release or threat of release, from any surrounding properties, has on this subject site, therefore, if determination of said impacts are required by the Client, and in-depth subsurface exploration program must be undertaken and IES further recommends consultation with an attorney be initiated to determine the potential for liabilities.
6. Any laboratory analysis of samples collected by IES, at or beneath the site, was completed by independent laboratories. Unless otherwise noted in this Report, IES has accepted their data at face value without additional verification. No warranty the analytical results or procedures is expressed or implied by IES. Laboratory analyses are limited to those discussed in the report unless otherwise specified.
7. IES's completion of this project was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area. IES observed a degree of care and skill generally exercised by other consultants under similar circumstances and conditions. IES's findings and conclusions must be considered not as scientific certainties, but rather as our professional opinion concerning the significance of the limited data gathered during the course of this project. No other warranty, expressed or implied, is made. IES does not and can not represent that the sites does not contain any hazardous substances, contaminants, pollutants, petroleum hydrocarbons, or any other latent conditions beyond that observed by IES during the course of this Project. The conclusions presented in this Report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of the described services or the time and budgetary constraints imposed by the Client.

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ATTACHMENT "A"

PHOTOGRAPHS









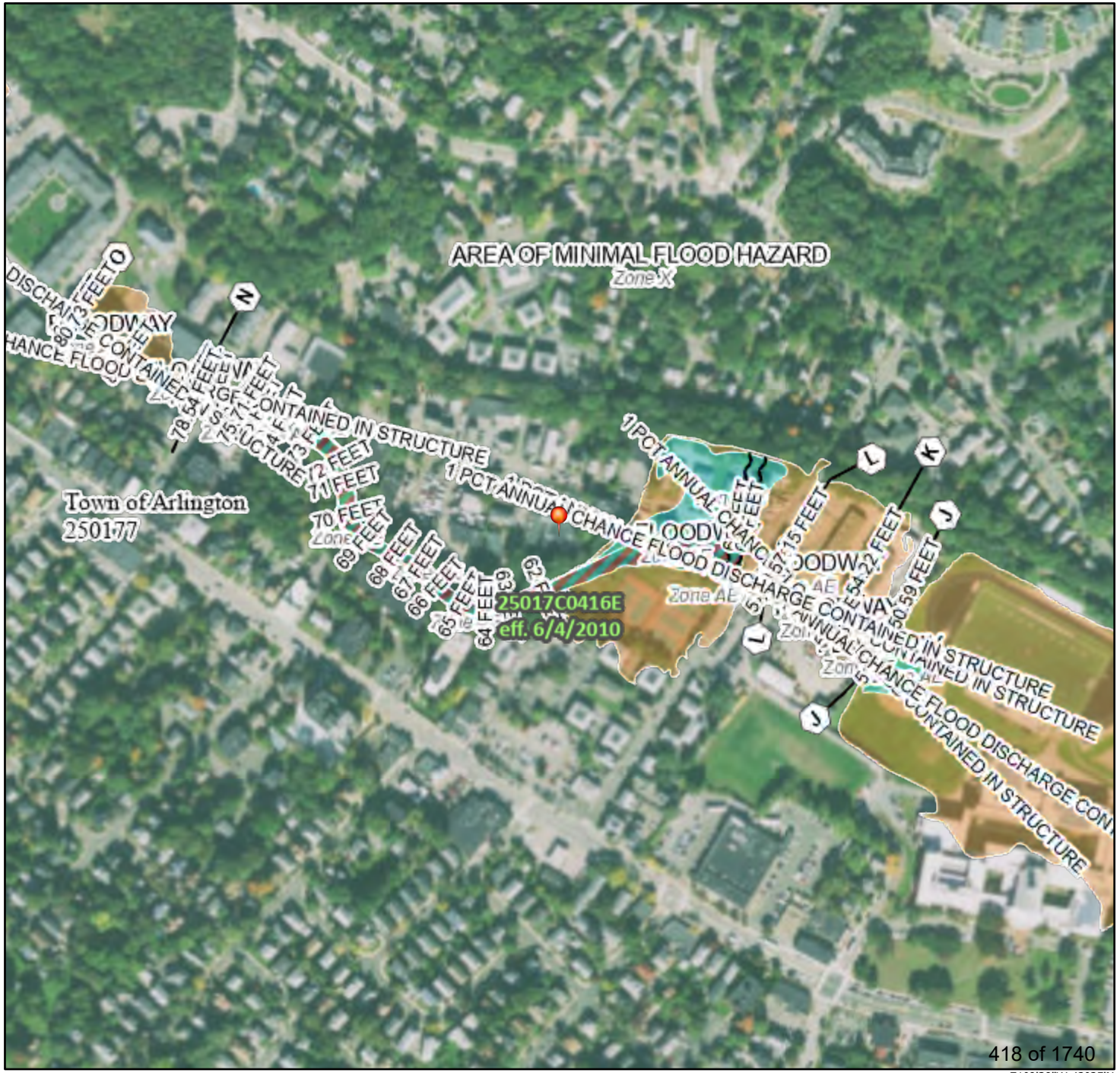




National Flood Hazard Layer FIRMette

FEMA

71°10'17"W 42°25'27"N



71°9'39"W 42°25'N

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/20/2021 at 4:14 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

055.0	0002	0039.B	1 of 2	Commercial		Total Card /	Total Parcel
Map	Block	Lot	CARD	ARLINGTON	APPRAISED:	1,057,300 /	1,100,300
					USE VALUE:	1,057,300 /	1,100,300
					ASSESSED:	1,057,300 /	1,100,300

PROPERTY LOCATION

No	Alt No	Direction/Street/City
34		DUDLEY ST, ARLINGTON

OWNERSHIP

Unit #:

Owner 1:	34 DUDLEY STREET LLC	
Owner 2:		
Owner 3:		
Street 1:	34 DUDLEY STREET	
Street 2:		
Twn/City:	ARLINGTON	
St/Prov:	MA Cntry:	Own Occ: N
Postal:	02476	Type:

PREVIOUS OWNER

Owner 1:	DUDLEY STREET TRUST -
Owner 2:	WHALEN EDWARD G -
Street 1:	34 DUDLEY STREET
Twn/City:	ARLINGTON
St/Prov:	MA Cntry:
Postal:	02476

NARRATIVE DESCRIPTION

This parcel contains 33,430 Sq. Ft. of land mainly classified as Auto Repair with a Repair Gar. Building built about 1940, having primarily Conc. Block Exterior and 10721 Square Feet, with 2 Units, 0 Bath, 0 3/4 Bath, 4 HalfBaths, 0 Rooms, and 0 Bdrm.

OTHER ASSESSMENTS

Code	Descrip/No	Amount	Com. Int

PROPERTY FACTORS

Item	Code	Description	%	Item	Code	Description
Z	I	INDUSTRIA	100	water		
o				Sewer		
n				Electri		
Census:				Exmpt		
Flood Haz:						
D				Topo		
s				Street		
t				Gas:		

IN PROCESS APPRAISAL SUMMARY

Use Code	Land Size	Building Value	Yard Items	Land Value	Total Value
332	33430.000	494,300	6,800	556,200	1,057,300
Total Card	0.767	494,300	6,800	556,200	1,057,300
Total Parcel	0.767	537,300	6,800	556,200	1,100,300

Source: Market Adj Cost | Total Value per SQ unit /Card: 98.62 | /Parcel: 92.67

Legal Description

Entered Lot Size	
Total Land:	
Land Unit Type:	

User Acct	37089
GIS Ref	
GIS Ref	
Insp Date	11/05/18

Patriot Properties Inc.

PREVIOUS ASSESSMENT

Parcel ID: 055.0-0002-0039.B

Tax Yr	Use	Cat	Bldg Value	Yrd Items	Land Size	Land Value	Total Value	Asses'd Value	Notes	Date
2020	332	FV	537,400	6800	33,430.	547,000	1,091,200	1,091,200	Year End Roll	12/18/2019
2019	332	FV	463,300	7100	33,430.	483,200	953,600	953,600	Year End Roll	1/3/2019
2018	332	FV	463,300	7100	33,430.	483,200	953,600	953,600	Year End Roll	12/20/2017
2017	332	FV	463,300	7100	33,430.	483,200	953,600	953,600	Year End Roll	1/3/2017
2016	332	FV	415,400	7100	33,430.	483,200	905,700	905,700	Year End	1/4/2016
2015	332	FV	391,800	7400	33,430.	437,600	836,800	836,800	Year End Roll	12/11/2014
2014	332	FV	391,800	7400	33,430.	437,600	836,800	836,800	Year End Roll	12/16/2013
2013	332	FV	391,800	7400	33,430.	437,600	836,800	836,800		12/13/2012

!4465!

PRINT

Date	Time
12/10/20	19:29:22

LAST REV

Date	Time
03/10/20	09:26:37
danam	
4465	

USER DEFINED

Prior Id # 1:	37089
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
ASR Map:	
Fact Dist:	
Reval Dist:	
Year:	
LandReason:	
BldReason:	
CivilDistrict:	
Ratio:	

SALES INFORMATION

TAX DISTRICT

PAT ACCT.

Grantor	Legal Ref	Type	Date	Sale Code	Sale Price	V	Tst	Verif	Notes
DUDLEY STREET T	1502-40		12/23/2016	Estate/Div	1,505,000	No	No		Edward G Whalen d.o.d. 7/31/2013 bk 955 pb 13
	14589-548		4/1/1982		275,000	No	No		Edward G whalen d.o.d. 7/31/2013 bk 955 pg 13

BUILDING PERMITS

Date	Number	Descrip	Amount	C/O	Last Visit	Fed Code	F. Descrip	Comment
12/12/2019	1985	Shed	30,000	C				
5/3/2019	605	Solar Pa	33,591	C				
9/8/2017	1168	Renovate	100,000	O				
11/15/2001	856	Re-Roof	17,000	C				
6/9/2000	433	New Buil	40,000	O				22X54 PAINT SHOP
1/6/1997	4		10,000					800 S/F BUILDING

ACTIVITY INFORMATION

Date	Result	By	Name
11/5/2018	MEAS&NOTICE	CC	Chris C
3/13/2009	Meas/Inspect	197	PATRIOT
5/1/2000	Meas/Inspect	197	PATRIOT
2/9/1999		PM	Peter M

Sign: VERIFICATION OF VISIT NOT DATA ___/___/__

LAND SECTION (First 7 lines only)

Use Code	Description	LUC Fact	No of Units	Depth / PriceUnits	Unit Type	Land Type	LT Factor	Base Value	Unit Price	Adj	Neigh	Neigh Influ	Neigh Mod	Infl 1	%	Infl 2	%	Infl 3	%	Appraised Value	Alt Class	%	Spec Land	J Code	Fact	Use Value	Notes
332	Auto Repair		33430		Sq. Ft.	Site		0	15.25	1.09	CF									556,154						556,200	

Total AC/HA: 0.76745 | Total SF/SM: 33430 | Parcel LUC: 332 | Auto Repair | Prime NB Desc: COMM FR | Total: 556,154 | Spl Credit | Total: 556,200

Sample output to test PDF Combine only

Disclaimer: This Information is believed to be correct but is subject to change and is not warranteed.

EXTERIOR INFORMATION

Type:	39 - Repair Gar.		
Sty Ht:	1 - 1 Story		
(Liv) Units:	2	Total:	3
Foundation:	1 - Concrete		
Frame:	1 - Wood		
Prime Wall:	21 - Conc. Block		
Sec Wall:	4 - Vinyl	30	%
Roof Struct:	2 - Hip		
Roof Cover:	2 - Slate		
Color:	WHITE		
View / Desir:			

GENERAL INFORMATION

Grade:	C+ - Average (+)		
Year Blt:	1940	Eff Yr Blt:	
Alt LUC:		Alt %:	
Jurisdict:		Fact:	.
Const Mod:			
Lump Sum Adj:			

INTERIOR INFORMATION

Avg Ht/FL:	11		
Prim Int Wall	6 - Average		
Sec Int Wall:			%
Partition:	T - Typical		
Prim Floors:	12 - Concrete		
Sec Floors:	4 - Carpet	20	%
Bsmnt Flr:			
Subfloor:			
Bsmnt Gar:			
Electric:	3 - Typical		
Insulation:	2 - Typical		
Int vs Ext:	S		
Heat Fuel:	1 - Oil		
Heat Type:	1 - Forced H/Air		
# Heat Sys:	1		
% Heated:	100	% AC:	30
Solar HW:	NO	Central Vac:	NO
% Com Wall		% Sprinkled:	0

BATH FEATURES

Full Bath		Rating:	
A Bath:		Rating:	
3/4 Bath:		Rating:	
A 3QBth		Rating:	
1/2 Bath:	4	Rating:	Average
A HBth:		Rating:	
OthrFix:		Rating:	

OTHER FEATURES

Kits:	1	Rating:	Average
A Kits:		Rating:	
Frpl:		Rating:	
WSFlue:		Rating:	

CONDO INFORMATION

Location:	
Total Units:	
Floor:	
% Own:	
Name:	

DEPRECIATION

Phys Cond:	VG - Very Good	24.	%
Functional:			%
Economic:			%
Special:			%
Override:			%
Total:		24.5	%

CALC SUMMARY

Basic $ / SQ:	65.00
Size Adj.:	0.90692902
Const Adj.:	0.97999698
Adj $ / SQ:	57.771
Other Features:	18001
Grade Factor:	1.10
NBHD Inf:	1.00000000
NBHD Mod:	
LUC Factor:	1.00
Adj Total:	654764
Depreciation:	160417
Depreciated Total:	494347

COMMENTS

ARLINGTON GLASS, DUDLEY ST AUTO BODY.
AL AUTO REPAIR.

RESIDENTIAL GRID

1st Res Grid	Desc:	Line 1	# Units:	

Level	FY	LR	DR	D	K	FR	RR	BR	FB	HB	L	O
Other												
Upper												
Lvl 2												
Lvl 1												
Lower												

Totals	RMs:	0	BRs:	0	Baths:		HB	4

REMODELING

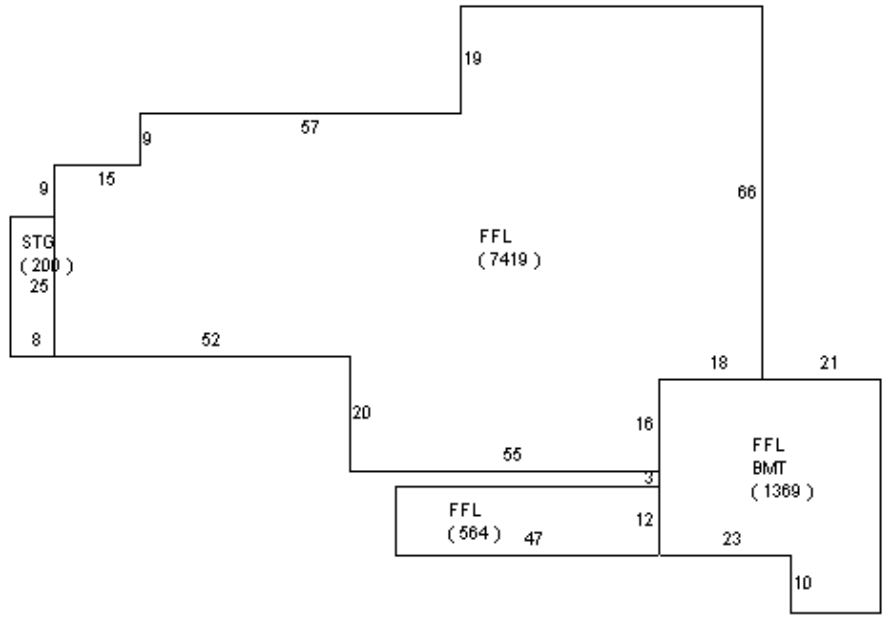
Exterior:	
Interior:	
Additions:	
Kitchen:	
Baths:	
Plumbing:	
Electric:	
Heating:	
General:	

RES BREAKDOWN

No Unit	RMS	BRS	FL

Totals
0

SKETCH



COMPARABLE SALES

Rate	Parcel ID	Typ	Date	Sale Price

WtAv$/SQ:		AvRate:	Ind.Val
Juris. Factor:		Before Depr:	63.55
Special Features:	0	Val/Su Net:	45.26
Final Total:	494300	Val/Su SzAd	52.86

SUB AREA

Code	Description	Area - SQ	Rate - AV	Undepr Value
FFL	First Floor	9,352	57.770	540,276
BMT	Basement	1,369	26.000	35,590
STG	Storage	200	6.860	1,372

Net Sketched Area:	10,921	Total:	577,238
Size Ad	9352	Gross Are	10921	FinArea	10721
---	---	---	---	---	---

SUB AREA DETAIL

Sub Area	% Usbl	Descrip	% Type	Qu	# Ten
BMT	100	FFB	100	A	
FFL	100	OFC	10	A	

IMAGE

AssessPro Patriot Properties, Inc



MOBILE HOME

Make:		Model:		Serial #:		Year:		Color:	

SPEC FEATURES/YARD ITEMS

PARCEL ID 055.0-0002-0039.B

Code	Description	A	Y/S	Qty	Size/Dim	Qual	Con	Year	Unit Price	D/S	Dep	LUC	Fact	NB Fa	Appr Value	JCod	JFact	Juris. Value
87	Fence-4	D	Y	1	250	A	AV	1970	6.00	T	39.2	332			900			900
85	Paving	D	Y	1	2000	A	AV	1970	4.00	T	39.2	332			4,900			4,900
83	Sign	D	Y	1	30	F	AV	1990	43.12	T	23.2	332			1,000			1,000

Sample output to test PDF Combine only

More:	N	Total Yard Items:	6,800	Total Special Featues:		Total:	6,800

055.0	0002	0039.B	2 of 2	Industrial
Map	Block	Lot	CARD	ARLINGTON

	Total Card	/	Total Parcel
APPRAISED:	43,000	/	1,100,300
USE VALUE:	43,000	/	1,100,300
ASSESSED:	43,000	/	1,100,300

PROPERTY LOCATION

No	Alt No	Direction/Street/City
34		DUDLEY ST, ARLINGTON

OWNERSHIP

Unit #:

Owner 1:	34 DUDLEY STREET LLC	
Owner 2:		
Owner 3:		
Street 1:	34 DUDLEY STREET	
Street 2:		
Twn/City:	ARLINGTON	
St/Prov:	MA	Cntry:
Postal:	02476	Type:

Own Occ: Y

PREVIOUS OWNER

Owner 1:	
Owner 2:	
Street 1:	
Twn/City:	
St/Prov:	Cntry:
Postal:	

NARRATIVE DESCRIPTION

This parcel contains 33,430 Sq. Ft. of land mainly classified as Auto Repair with a Warehouse Building built about 1950, having primarily Board & Batt Exterior and 1152 Square Feet, with 1 Unit, 0 Bath, 0 3/4 Bath, 1 HalfBath, 0 Rooms, and 0 Bdrm.

OTHER ASSESSMENTS

Code	Descrip/No	Amount	Com. Int

PROPERTY FACTORS

Item	Code	Description	%	Item	Code	Description
Z	I	INDUSTRIA	100	water		
o				Sewer		
n				Electri		
Census:				Exmpt		
Flood Haz:						
D				Topo		
s				Street		
t				Gas:		

IN PROCESS APPRAISAL SUMMARY

Use Code	Land Size	Building Value	Yard Items	Land Value	Total Value
332	0.000	43,000			43,000
Total Card	0.000	43,000			43,000
Total Parcel	0.767	537,300	6,800	556,200	1,100,300

Source: Market Adj Cost | Total Value per SQ unit /Card: 37.33 | /Parcel: 92.67

Legal Description

Entered Lot Size
Total Land:
Land Unit Type:

User Acct	37089
GIS Ref	
GIS Ref	
Insp Date	11/05/18

Patriot Properties Inc.

PREVIOUS ASSESSMENT

Parcel ID: 055.0-0002-0039.B

Tax Yr	Use	Cat	Bldg Value	Yrd Items	Land Size	Land Value	Total Value	Asses'd Value	Notes	Date

!4465!

PRINT

Date	Time
12/10/20	19:29:26

LAST REV

Date	Time
10/09/19	17:08:40
apro	
4465	

USER DEFINED

Prior Id # 1:	37089
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
ASR Map:	
Fact Dist:	
Reval Dist:	
Year:	
LandReason:	
BldReason:	
CivilDistrict:	
Ratio:	

SALES INFORMATION

TAX DISTRICT

PAT ACCT.

Grantor	Legal Ref	Type	Date	Sale Code	Sale Price	V	Tst	Verif	Notes

BUILDING PERMITS

Date	Number	Descrip	Amount	C/O	Last Visit	Fed Code	F. Descrip	Comment

ACTIVITY INFORMATION

Date	Result	By	Name
11/5/2018	MEAS&NOTICE	CC	Chris C
3/13/2009	Meas/Inspect	197	PATRIOT
5/1/2000	Info At Door	197	PATRIOT

Sign: VERIFICATION OF VISIT NOT DATA __/__/__

LAND SECTION (First 7 lines only)

Use Code	Description	LUC Fact	No of Units	Depth / PriceUnits	Unit Type	Land Type	LT Factor	Base Value	Unit Price	Adj	Neigh	Neigh Influ	Neigh Mod	Infl 1	%	Infl 2	%	Infl 3	%	Appraised Value	Alt Class	%	Spec Land	J Code	Fact	Use Value	Notes
332	Auto Repair		0	0	Sq. Ft.	Site		0	0.	0.00	CF																

421 of 1740

Total AC/HA: 0.00000 | Total SF/SM: 0 | Parcel LUC: 332 | Auto Repair | Prime NB Desc: COMM FR | Total: | Spl Credit | Total:

Sample output to test PDF Combine only

EXTERIOR INFORMATION

Type:	43 - Warehouse		
Sty Ht:	1 - 1 Story		
(Liv) Units:	1	Total:	3
Foundation:	3 - BrickorStone		
Frame:	1 - Wood		
Prime Wall:	12 - Board & Batt		
Sec Wall:			%
Roof Struct:	1 - Gable		
Roof Cover:	1 - Asphalt Shgl		
Color:	beige		
View / Desir:			

GENERAL INFORMATION

Grade:	C - Average		
Year Blt:	1950	Eff Yr Blt:	
Alt LUC:		Alt %:	
Jurisdict:		Fact:	.
Const Mod:			
Lump Sum Adj:			

INTERIOR INFORMATION

Avg Ht/FL:	10		
Prim Int Wall	5 - Minimul		
Sec Int Wall:			%
Partition:	T - Typical		
Prim Floors:	1 - Plywood		
Sec Floors:			%
Bsmnt Flr:			
Subfloor:			
Bsmnt Gar:			
Electric:	3 - Typical		
Insulation:	2 - Typical		
Int vs Ext:	S		
Heat Fuel:	1 - Oil		
Heat Type:	1 - Forced H/Air		
# Heat Sys:	1		
% Heated:	100	% AC:	
Solar HW:	NO	Central Vac:	NO
% Com Wall		% Sprinkled:	0

BATH FEATURES

Full Bath		Rating:	
A Bath:		Rating:	
3/4 Bath:		Rating:	
A 3QBth		Rating:	
1/2 Bath:	1	Rating:	Average
A HBth:		Rating:	
OthrFix:		Rating:	

OTHER FEATURES

Kits:	1	Rating:	Average
A Kits:		Rating:	
Frpl:		Rating:	
WSFlue:		Rating:	

CONDO INFORMATION

Location:	
Total Units:	
Floor:	
% Own:	
Name:	

DEPRECIATION

Phys Cond:	GD - Good	32.	%
Functional:			%
Economic:			%
Special:			%
Override:			%
	Total:	32	%

CALC SUMMARY

Basic $ / SQ:	48.00
Size Adj.:	1.14999998
Const Adj.:	0.87551993
Adj $ / SQ:	48.329
Other Features:	7500
Grade Factor:	1.00
NBHD Inf:	1.00000000
NBHD Mod:	
LUC Factor:	1.00
Adj Total:	63175
Depreciation:	20216
Depreciated Total:	42959

COMMENTS

1950, ARLINGTON HOME AND BUILDING. FOR RENT.

RESIDENTIAL GRID

1st Res Grid	Desc:	Line 1					# Units:					
Level	FY	LR	DR	D	K	FR	RR	BR	FB	HB	L	O
Other												
Upper												
Lvl 2												
Lvl 1												
Lower												
Totals	RMs:	0		BRs:	0		Baths:			HB	1	

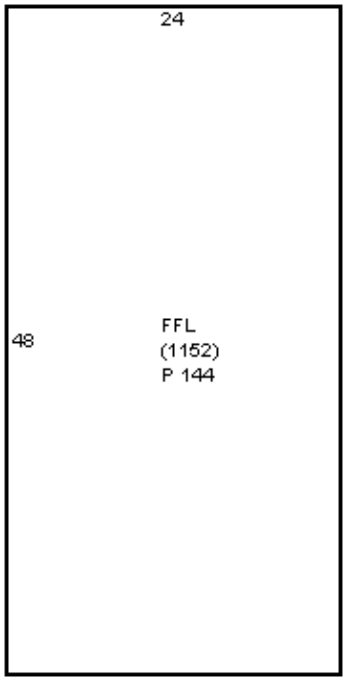
REMODELING

Exterior:	
Interior:	
Additions:	
Kitchen:	
Baths:	
Plumbing:	
Electric:	
Heating:	
General:	

RES BREAKDOWN

No Unit	RMS	BRS	FL
Totals			
0			

SKETCH



7

SUB AREA

Code	Description	Area - SQ	Rate - AV	Undepr Value
FFL	First Floor	1,152	48.330	55,675
	Net Sketched Area:	1,152	Total:	55,675
Size Ad	1152	Gross Are	1152	FinArea 1152

SUB AREA DETAIL

Sub Area	% Usbl	Descrip	% Type	Qu	# Ten

COMPARABLE SALES

Rate	Parcel ID	Typ	Date	Sale Price

WtAv$/SQ:		AvRate:	Ind.Val
Juris. Factor:		Before Depr:	48.33
Special Features:	0	Val/Su Net:	37.33
Final Total:	43000	Val/Su SzAd	37.33

IMAGE

AssessPro Patriot Properties, Inc



MOBILE HOME

Make:		Model:		Serial #:		Year:		Color:	

SPEC FEATURES/YARD ITEMS

PARCEL ID

055.0-0002-0039.B

Code	Description	A	Y/S	Qty	Size/Dim	Qual	Con	Year	Unit Price	D/S	Dep	LUC	Fact	NB Fa	Appr Value	JCod	JFact	Juris. Value

Sample output to test PDF Combine only

More:	N	Total Yard Items:		Total Special Featues:		Total:	

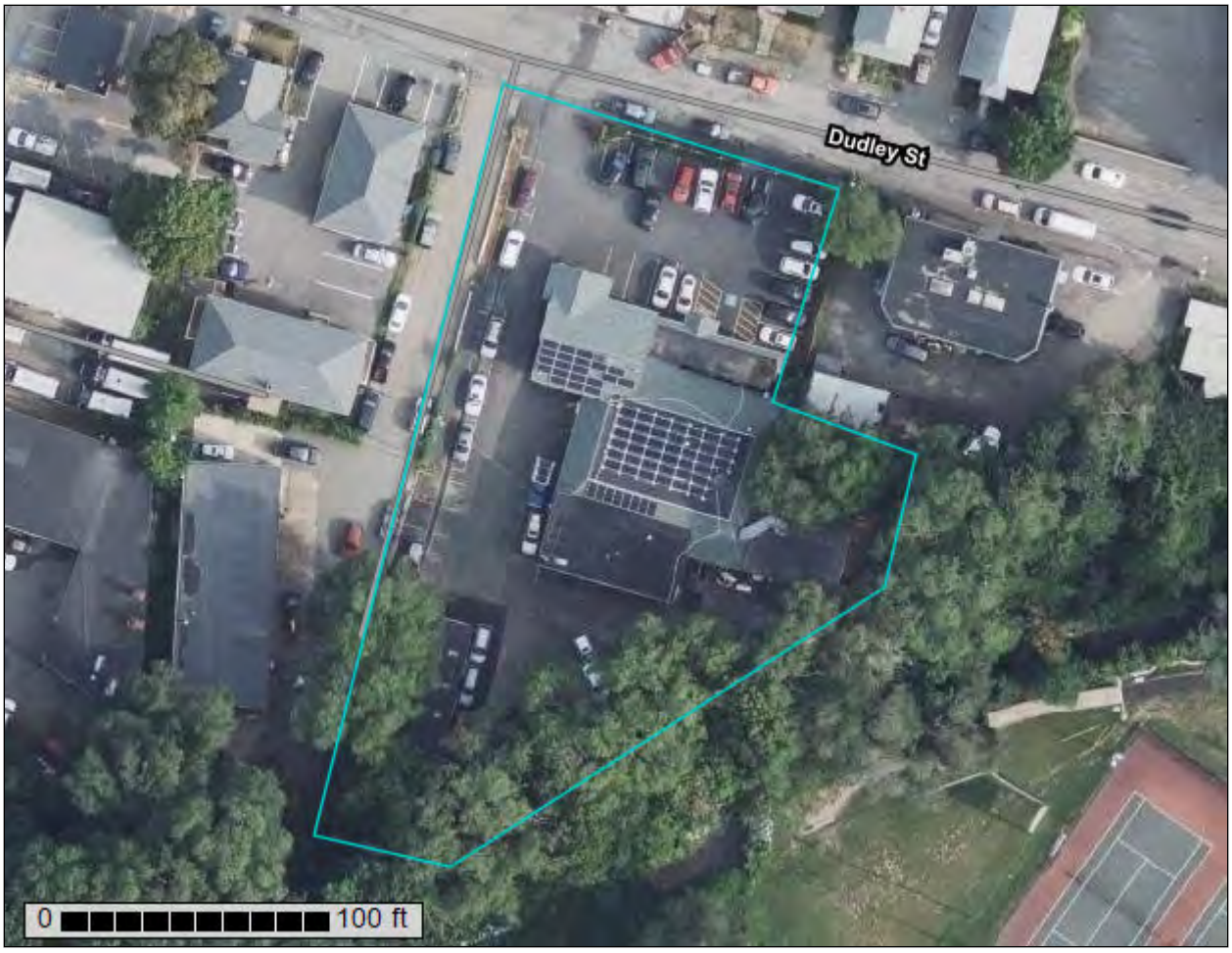
United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Middlesex County, Massachusetts



October 20, 2021

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



Map Scale: 1:531 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 5 10 20 30

Feet
0 25 50 100 150

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Middlesex County, Massachusetts
Survey Area Data: Version 21, Sep 2, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 13, 2020—Sep 15, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
626B	Merrimac-Urban land complex, 0 to 8 percent slopes	0.2	20.3%
655	Udorthents, wet substratum	0.7	79.7%
Totals for Area of Interest		**0.9**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Middlesex County, Massachusetts

626B—Merrimac-Urban land complex, 0 to 8 percent slopes

Map Unit Setting

National map unit symbol: 2tyr9
Elevation: 0 to 820 feet
Mean annual precipitation: 36 to 71 inches
Mean annual air temperature: 39 to 55 degrees F
Frost-free period: 140 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Merrimac and similar soils: 45 percent
Urban land: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Merrimac

Setting

Landform: Outwash plains, outwash terraces, moraines, eskers, kames
Landform position (two-dimensional): Backslope, footslope, summit, shoulder
Landform position (three-dimensional): Side slope, crest, riser, tread
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy glaciofluvial deposits derived from granite, schist, and gneiss over sandy and gravelly glaciofluvial deposits derived from granite, schist, and gneiss

Typical profile

Ap - 0 to 10 inches: fine sandy loam
Bw1 - 10 to 22 inches: fine sandy loam
Bw2 - 22 to 26 inches: stratified gravel to gravelly loamy sand
2C - 26 to 65 inches: stratified gravel to very gravelly sand

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to very high (1.42 to 99.90 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 2 percent
Maximum salinity: Nonsaline (0.0 to 1.4 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 4.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: A

Ecological site: F144AY022MA - Dry Outwash
Hydric soil rating: No

Description of Urban Land

Typical profile

M - 0 to 10 inches: cemented material

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: 0 inches to manufactured layer
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Available water supply, 0 to 60 inches: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8
Hydrologic Soil Group: D
Hydric soil rating: Unranked

Minor Components

Hinckley

Percent of map unit: 5 percent
Landform: Deltas, kames, eskers, outwash plains
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Nose slope, crest, head slope, side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex, linear
Hydric soil rating: No

Sudbury

Percent of map unit: 5 percent
Landform: Deltas, terraces, outwash plains
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Tread, dip
Down-slope shape: Concave
Across-slope shape: Linear
Hydric soil rating: No

Windsor

Percent of map unit: 5 percent
Landform: Outwash terraces, dunes, outwash plains, deltas
Landform position (three-dimensional): Tread, riser
Down-slope shape: Linear, convex
Across-slope shape: Linear, convex
Hydric soil rating: No

655—Udorthents, wet substratum

Map Unit Setting

National map unit symbol: vr1n
Elevation: 0 to 3,000 feet
Mean annual precipitation: 32 to 54 inches
Mean annual air temperature: 43 to 54 degrees F
Frost-free period: 110 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Udorthents, wet substratum, and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Udorthents, Wet Substratum

Setting

Parent material: Loamy alluvium and/or sandy glaciofluvial deposits and/or loamy glaciolacustrine deposits and/or loamy marine deposits and/or loamy basal till and/or loamy lodgment till

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: More than 80 inches
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None

Minor Components

Urban land

Percent of map unit: 8 percent
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Linear

Freetown

Percent of map unit: 4 percent
Landform: Depressions, bogs
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Hydric soil rating: Yes

Swansea

Percent of map unit: 3 percent

Landform: Depressions, bogs
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Hydric soil rating: Yes

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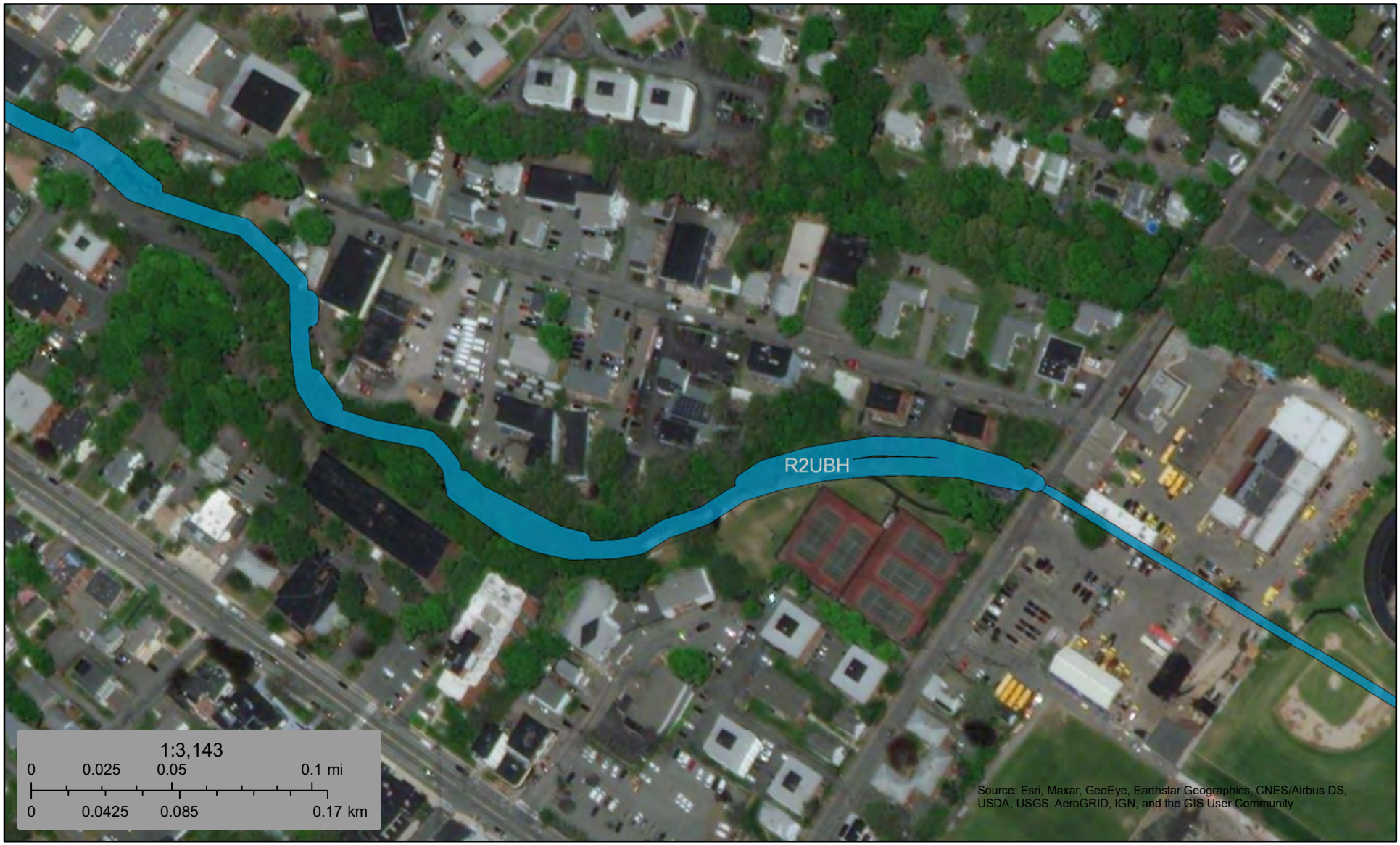
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U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands



October 20, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

APPENDIX C:

CITY DIRECTORIES

34 Dudley Street
34 Dudley Street
Arlington, MA 02476

Inquiry Number: 6684764.5
October 05, 2021

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1989	☑	☑	Cole Criss-Cross Directory
1984	☑	☑	Cole Criss-Cross Directory
1975	☑	☑	Cole Criss-Cross Directory
1970	☑	☑	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

34 Dudley Street
Arlington, MA 02476

Year	*CD Image*	*Source*
DUDLEY ST		
2014	pg A2	EDR Digital Archive
2010	pg A8	EDR Digital Archive
2005	pg A14	EDR Digital Archive
2000	pg A20	EDR Digital Archive
1995	pg A25	EDR Digital Archive
1992	pg A31	EDR Digital Archive
1989	pg A37	Cole Criss-Cross Directory
1984	pg A40	Cole Criss-Cross Directory
1975	pg A43	Cole Criss-Cross Directory
1970	pg A47	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
GROVE ST		
2014	pg. A4	EDR Digital Archive
2010	pg. A10	EDR Digital Archive
2005	pg. A16	EDR Digital Archive
2000	pg. A22	EDR Digital Archive
1995	pg. A27	EDR Digital Archive
1992	pg. A33	EDR Digital Archive
1989	pg. A38	Cole Criss-Cross Directory
1984	pg. A41	Cole Criss-Cross Directory
1975	pg. A44	Cole Criss-Cross Directory
1975	pg. A45	Cole Criss-Cross Directory
1970	pg. A48	Cole Criss-Cross Directory
PRENTISS RD		
2014	pg. A7	EDR Digital Archive
2010	pg. A13	EDR Digital Archive
2005	pg. A19	EDR Digital Archive
2000	pg. A24	EDR Digital Archive
1995	pg. A30	EDR Digital Archive
1992	pg. A36	EDR Digital Archive
1989	pg. A39	Cole Criss-Cross Directory
1984	pg. A42	Cole Criss-Cross Directory
1975	pg. A46	Cole Criss-Cross Directory
1970	pg. A49	Cole Criss-Cross Directory

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DUDLEY ST 2014

6	LYONS, SEAN
8	BARMASHI, TED A
	BUNNELL, PATRICK
	CAREW, JAMES M
	CHANG, MARK
	FORSTEY, DAVID T
	KIM, NAYOUNG
	STINEMAN, DARREN
9	ALTERNATIVE TRANSPORTATION
	CLOUD 9
	DUDLEY ST PLUMBING
	MILLENNIUM BANKCARD
	OCCUPANT UNKNOWN,
11	BAKER, MEREDITH
	DAO, JULIA M
	ROSSETTI, DENISE M
	SACCO, ELIZABETH A
	SHEPARD, PATRICIA
14	BIRKHEAD, EMILY
	JANTZ, ANDREW
	LUSTIG, JENNIFER
	NELSON, JEANETTE L
	PATEL, ARTI
	SCHUKIS, VANESSA J
	SILVA, ALBERT L
15	AVIN, MARVIN J
	HEATH, GREGORY
	OCCUPANT UNKNOWN,
19	ALLEN, KEN P
	FAHEY, DAVE D
	FRASER, JONATHAN D
	OBRIEN, SARAH C
	OCCUPANT UNKNOWN,
	YOUNG, JOANNE A
23	OXBOW PARTNERS
25	COSTA, GERTRUDE C
26	A & B EXPRESS
	CODY FLORAL DESIGNS
	CODY FLORIST
	FISH WINDOW CLEANING
	MARMO MACHINE GROUP INC
	ONE VISUAL MIND
	TREMENDOUS HEARTS
29	HENDRICKSON, ANDY
33	WILTSHIRE, JOHN
34	A 1 AUTOMOTIVE REPAIR
	ARLINGTON GLASS COMPANY
	ARLINGTON PLUMBING & HEATING
	ARLINGTON SEWER & DRAIN
	DUDLEY AUTOMOBILE SALES

DUDLEY ST 2014 (Cont'd)

34	DUDLEY ST AUTOMOBILE BODY
35	ULTIMATE LOCKSMITH
36	BRUCES TIRE & SERVICE CO
	CIR, GREENE
37	CHILLEMI, JUSTIN
38	DENN JAMES & CAROLYN
	DENN, JAMES M
	OCCUPANT UNKNOWN,
	OLSON, MARK E
	TURNER, KRISTEN M
39	CHILLEMI, JUSTIN P
40	HARDY, LAUREN E
41	BARBER, ANNE M
42	MARTEL, NICOLE
43	ARLINGTON AUTOMOTIVE MACHINE MACH SH
	THE BIKE STOP
47	PIGOTT ELECTRIC
51	LEVIN, CATE
52	KING, M
	WRIGHT, MAEGAN
53	HUNTER, HEATHER
	TORRES, MELVIN A
55	PENA, JACQUES
57	CHUNG, SEOWON
60	SANTINI REALTY
61	FERRANTI, MARK
65	HANSEN, LESLIE C
66	SAL & ROBERTS LANDSCAPING
	VOLIANITES, TONIA
67	BOUDREAU, JAMES M
76	LYNCH, KATHLEEN A
77	MASS CONTROL CENTER INC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 2014

5	KAPLAN, AMY
	OSTERWEIS, BURTON
9	FRIEDMAN, ELIZABETH
	PAULINO, STEPHEN
10	MYATT, CHARLES L
11	BROWN, PAULA G
14	ARONSTEIN, MATTHEW
	BASAVAIAH, INDU
	BRENNAN, JANE
	BUTTS, ERIN
	DADEY, CHRISTOPHER M
	FISHER, JEFFREY P
	LEVERONE, ALSION
	MARKKANEN, PIA
	NAGAMACHI, YOSHIZUMI
	PURANDARE, BHUPESH
	RIVERA, RONALD
	SICOTTE, ERNEST J
	WANG, YAN
15	JORDAN, LAWRENCE
17	GAY, KATHERINE
	MICHAUD, PAULINE T
18	CORREA, MODESTO
	DAGNESE, JENNIFER
	GALITZ, LEONARD H
	JUDGE, LINDSAY
	KING, JOHN B
	MULA, JANE
	PADUA, RAYMOND J
	PANDEY, RAJU R
	ROSE, FLAVIO
	SHABAN, AMRALI
	SHERIDAN, MAUREEN P
	SLATE, DEBORAH A
19	CLARKE, WILLIAM J
	DOTY, ANDREA M
	KOIKE, MARCIA M
	WILLIAMS, DAN C
21	ANGLIN, SEAN M
	DINKIN, COREY L
	STECYK, SHERYL L
24	ALLAM, RACHAEL A
	BRADLEY, JOHN
	CHAMPAGNE, JENNIFER A
	CHARLES, DANA
	DEGLOPPER, CRAIG L
	MUNRO, DONALD F
	SAVAGE, KM M
	TOOMEY, DONNA M
	WHIPPEN, G

GROVE ST 2014 (Cont'd)

25	RATTIKARN, KALAI
26	BRICKLEY, AMANDA
	CASELLA, JAYNE L
	HODGE, AUSTIN
	LEONARD, JOHN R
	LEPRI, PAMELA J
	POULIN, TIFFANY
	TURA, KERRIE L
29	LECOUR, DARLENE E
36	MCDONALD, CATHERINE
44	SHARMA, MITHILESH
50	NOSTALGIA PROPERTIES LLC
54	BAJRACHARYA, DEEPAK
	OCCUPANT UNKNOWN,
	RAVILLE, MINDY
	SKINNER, BARBARA P
57	OSTERWEIS, BURTON
67	AHERN, RYAN
	CAVALIERI, BAILEY
	GRIVAKIS, CHARLES D
	JEANNITON, JEPHTE
	KAMINSKI, BETSY
	NSANGI, SYLVIA
	ROBINSON, FRANCIS
	SEO, MINCHUL
	TIRADO, CARMEN
68	GUYON, DANIEL
	JAMES, JOHNNY
	OCCUPANT UNKNOWN,
69	BREHM, ERIN E
	CAMMARATA, ANTHONY
	CHAN, SIMON W
	COOK, KRISTA
	DALY, MAUREEN V
	MCCLURE, DAN A
	MCLAUGHLIN, LAURA
	RESENDE, ADRIANA
70	IBRAHIM, HANY N
	MCCAFFREY, WILLIAM J
	TREMBLAY, PAUL
71	COOK, CHARMAINE A
	GOOD, MARILYN E
	IRWIN, WILLIAM L
	LANGLOIS, JEFFREY E
	RIBERIO, ONOFRE
	RODRIGUES, KATIA B
72	NEWBURG, SETH O
75	KOWALOFF, NOAH B
	LESNICK, TIMOTHY P
	SWANSON, JAHMAL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 2014 (Cont'd)

75 ZIMMERMAN, AMY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

PRENTISS RD 2014

10	BISHUNKI, SURESH M
	DIENG, HAM C
16	WYNER, KEITH M
19	ALOSIA CLUB INC
32	FERNANDO CARREIRO
	MENOTOMY BUSINESS CONSULTING LLC
	TECH ELECTRIC CORP

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DUDLEY ST 2010

8	BARMASHI, THEODORE A
	CAREW, JAMES M
	GUERRIER, JOSEPH
	ROBERTS, JEFFREY S
9	CLOUD 9
	FARRELL, DAVID A
	MILLENNIUM BANKCARD
11	DAO, JULIA M
	MOSS, VALERIE K
	SINERT, SUSAN
14	CAMERON, TYLER
	CHO, PAUL
	JOHNS, JULIA
	RICHARDS, KEVIN E
15	AVIN, MARVIN J
	HOBAN, JASON C
	LEVA, D
	POLIMOU, PATTI
19	ALLEN, KEN P
	CHEN, JI I
	YOUNG, JOANNE A
23	OXBOW PARTNERS
25	COSTA, GERTRUDE C
26	CODY FLORAL DESIGNS
	J W DENAPOLI INC
	MAGELLAN CAPITAL GROUP INC
	MARMO MACHINE GROUP INC
29	HENDRICKSON, ANDY
34	A 1 AUTOMOTIVE REPAIR
	ARLINGTON GLASS & SCREEN
	CASH FOR YOUR CAR
	DUDLEY AUTO SALES
	DUDLEY ST AUTO BODY
36	BRUCES TIRE & SVC CO INC
	CIR, GREENE
37	PENTA, MARIE A
38	OLSON, MARK E
	TURNER, KRISTEN M
39	CHILLEMI, JUSTIN P
40	AMORIM, CHARLISON
	CORREIA, SHAWNA
	EXECUTIVE PLUMBING
	NILSON, LAURA
41	BISHOP, JOHN
42	DOREMUS, LINDA G
43	ARLINGTON AUTOMOTIVE MACHINE
	BIKE STOP
	DUDLEY OIL
	FINE LINE GLASS & MIRROR
	GLAZING INSTITUTE OF AMERICA

DUDLEY ST 2010 (Cont'd)

45	SAMUEL, NIGRO
47	ALBENESIUS, BARBARA A
	PIGOTT ELECTRIC CO
51	LEVIN, CATE
52	MORGAN, DULCEA
53	TORRES, MELVIN A
55	FINOCHETTI, JOHN V
56	REPPUCCI, GERRY
60	SANTINI REALTY
61	FERRANTI, MARK
65	HANSEN, LESLIE C
66	SAL & ROBERTS LANDSCAPING
67	BOUDREAU, MAYNARD
76	LYNCH, KATHLEEN A
77	MASS CONTROL CTR INC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 2010

5	OSTERWEIS, BURTON
6	WHITE, KATHLEEN W
7	MERCER, SUSAN A
9	MILLMAN, MARK J
	PAULINO, STEPHEN
	WHITE, FRANCES
10	MYATT, CHARLES L
11	BROWN, PAULA G
13	KWON, OJIN
14	COLRNS, PHIL
	COMMINS, EILEEN T
	CYR, RAYMOND C
	DELAVEGA, MICHAEL
	FEDELE, SEAN P
	GRIFFIN, ERYN
	MEMEUS, DIACSON
	NAGAMACHI, YOSHIZUMI
	NOVICK, JOHN
	SAVIOLI, DEANNA
	SHABAN, AMRALI
	SICOTTE, ERNEST J
15	JORDAN, L P
17	FERDINAND, BRENDA L
	MICHAUD, PAULINE T
18	BIBEAU, BRIAN E
	BONVISSUTO, STEPHANIE
	CORREA, MODESTO
	DAGNESE, JENNIFER
	GALITZ, LEONARD H
	IKEGAMI, NORIYUKI
	MCADOO, RICHARD A
	MULA, JAMES J
	PANDEY, RAJU R
	PETRIDES, CHARLES P
	WILLIAMS, DENNIS M
	ZENATY, LEAH
19	CROCKETT, KEVIN D
	DREBIT, ANDREA
	GONCALVES, EUGENIA
	WILLIAMS, DAN M
20	GROVE APARTMENTS
	MC ALLISTER CONTRACTING
	MENOTOMY CRAFTSMEN INC
21	ANAKOR, CRISEN
	ANGLIN, SEAN M
	DINKIN, COREY L
	HARRIS, WILLIAM J
	STECYK, SHERYL L
24	ALLAM, RACHAEL A
	BIRD, JASON

GROVE ST 2010 (Cont'd)

24	BRADLEY, JOHN
	BURTON, ROBERT G
	FRANCESCO, RANK D
	MUNRO, DONALD F
	PIVARUNAS, PETER
	SAVAGE, KIMBERLY
	TOOMEY, DONNA M
	WHITNEY, FREDK C
25	NOVIELLO, ROBERT
26	BARROS, SHAWN
	CASELLA, JAYNE L
	CRANMER, JAIMISON D
	KAISSAR, Y N
	LEONARD, CORY
	LEPRI, PAMELA J
	LEVA, DAVID
	MCDONALD, CATHERINE F
	SCHAEFFNER, NICOLE
	YAQOOB, ZAHID
29	LECOUR, DARLENE E
44	SHARMA, MITHILESH
50	BRATTLE REALTY TRUST
51	ARLINGTON ANIMAL CONTROL
	ARLINGTON BOARD OF APPEALS
	ARLINGTON BUILDING INSPECTIONS
	ARLINGTON TREE CO
	ARLINGTON TREE DEPT
54	BAJRACHARYA, DEEPAK
	RICCOBONO, DAVID
	SKINNER, BARBARA P
57	OSTERWEIS, BURTON
65	WHALEN, MICHAEL J
67	BALOGUN, IBRAHIM
	CAMMARATA, ANGELINA L
	GRIVAKIS, CHARLES D
	KAMINSKI, BETSY
	LANE, JENNIFER A
	PAKYARI, AMIR
68	JAMES, JOHNNY
	RONAYNE, ANTHONY
	SMITH, DANIEL H
69	AYERS, KRISTEN E
	CAMMARATA, ANTHONY
	CORIO, JENNIFER L
	DACOSTA, NAIR
	DALY, MAUREEN V
	MCCLURE, DAN A
	YIN, YAN
70	IBRAHIM, HANY N
	WESSON, DAVID P

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 2010 (Cont'd)

71	ALLEN, BLANCA E
	BRITKO, GREGORY F
	CANTIERI, MARLUC
	CUNNINGHAM, THERESA C
	GOOD, MARILYN E
	HOURIHAN, JOSEPH G
	IRWIN, WILLIAM L
	LECLREC, INGRID
	MCNAMARA, MICHAEL
	NORMAND, JESSICA E
	RAINEY, JACQUELINE
	RIBERIO, ONOFRE
	YEUNG, ANNY W
75	CARNES, TOM
	HARDIMAN, ROY J
	SWANSON, JAHMAL
	SWEENEY, JULIE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

PRENTISS RD 2010

6	DEVILMORIN, FILIPPE
10	DIENG, HAM C
	WANG, HAIBIN
19	SONS OF ITALY LODGE 1349

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DUDLEY ST 2005

6	ARLINGTON ENERGY
8	BARMASHI, THEODORE A
	CAREW, JAMES M
	CARLO, JAMES J
	DIGREGORIO, G
	FORSTEY, DAVID T
	HOOVER, C
	LEECH, RUSSELL
	MALKI, ROULA
	MCLAUGHLIN, L
	ROBINSON, WALTER
	SPEARS, ANDREW A
9	FARRELL, DAVID A
11	DAO, JULIA M
14	GRAY, PAUL R
	HOWES, TRUMAN R
	KADAVIGERE, RAJAGOPAL
	KHAN, ABDULLAH
15	BOVE, PIER
	CHARLES, NATHANIEL G
	ELLENBACK, NEIL H
	HOBAN, JASON C
	HONGSAMAT, PANUWAT
19	CHENEY, C
	LOCKWOOD, MURIEL
	PUKMA, NAMMON
	YOUNG, JO A
25	COSTA, GERTRUDE C
26	CHALLENGING KACHINA INC
	DENAPOLI J W INC
	MARMO MACCHINE GROUP INC
29	HENDRICKSON, ANDY
34	A1 AUTOMOTIVE REPAIR INC
	CASH FOR YOUR CAR INC
35	BRODEUR, SHARON
36	BRUCE TIRE & SERVICE CO INC
	BRUCES TIRES SERVICE INC
	COLONIAL AUTO SERVICE
	LYONS, SEAN
37	PENTA, MARIE A
38	OLSON, MARK E
	THOMPSON, CAROLE L
39	GREEN, MIKE
40	DAVANAGE, S
	DEEGAN, RICHARD O
	SIAU, LINDONEI
	TOWER, VALERIE
41	BISHOP, JOHN
42	CORNET, JEAN M
	DOREMUS, LINDA G

DUDLEY ST 2005 (Cont'd)

43	ARLINGTON AUTOMOTIVE MACHINE
	BIKE STOP INC
	DUDLEY ASBESTOS REMOVAL INC
	R J S REALTY TRUST
45	FINE LINE GLASS AND MIRROR
	SAMUEL, NIGRO
47	DONLON, MARGARET L
52	BARLETTA, RICHARD
	NIGRO, SAMUEL J
54	PARNELL, BRIAN
55	FINOCHETTI, JOHN V
56	CAREY, RHONDA
57	MOTYKA, ROBERT
60	SANTINI INC
61	SANTINI, MARK F
65	HANSEN, LESLIE C
66	GALLI, THERESA J
67	BOUDREAU, JOHN B
76	LYNCH, KATHLEEN A
77	MASSACHUSETTSM CONTROL CENTER

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 2005

5	CAFFERKY, JOHN K
7	WARRINGTON, CURTIS S
9	PAULINO, STEPHEN
10	CONNOLLY, KEVIN M
	MYATT, CHARLES L
11	BROWN, PAULA G
12	OLIVER, HOLLY
13	LEE, CHUNG S
14	ABRAHAM, MICHAEL
	ABREU, ROSELIN
	DELAVEGA, MICHAEL
	DUGGAN, JULIE A
	FEDELE, SEAN P
	FERNALD, HUUB
	GASPER, GERALD
	GREER, PETER
	KIM, J
	LANE, C
	LIMERICK, DAN
	LOMBARD, TARA
	MALEH, PAOLA
	NOVICK, JOHN
	SICOTTE, ERNEST J
	SOUS, AMAL
	STRICKLAND, LEE
	TENG, XIAOQING
	VIGEANT, JOSEPH
	WHANG, WOONG
	WINT, ERICA
15	EDWARDS, ERIC A
	MORSE, TODD S
16	THOMPSON, ASLINE
17	FERDINAND, PAUL
	IGOE, EILEEN R
	MICHAUD, PAULINE T
	POOLE, BRIAN
	VITALE, PETER
18	CAMPBELL, SUSAN G
	COPSINIS, JERRY V
	CORREA, MODESTO
	DAGNESE, JENNIFER
	GALITZ, LEONARD H
	IKEGAMI, NORIYUKI
	KAUL, RAJ
	MARTIN, MELISSA S
	MORAVICK, JOAN C
	MULA, JAMES J
	MURRAY, J
	PANDEY, RAJU
	PATEK, DIMA

GROVE ST 2005 (Cont'd)

18	PETRIDES, CHARLES P
	RYAN, PETER
	SHERIDAN, MARIE
	VASICKOVA, HELEN
	WILLIAMS, DENNIS M
	WOOK, SEI
19	AMMAR, S
	CORMIER, JOHN J
	KOIKE, MARCIA M
	LANNEN, ARIEL
	LINGLEY, PATRICIA A
	LONG, A
	MORAN, TIMOTHY
	SCHOENTHAL, ANGELA
20	LEAH REALTY TARA TRUST
21	AMMAR, SAMIR
	ANAKOL, CHRISTIN
	ANAKOR, CRISEN
	HARRIS, WILLIAM J
	MILLER, LAURA B
	RANGEGOWDA, SMITHA
	STECYK, SHERYL L
24	ALLAM, RACHAEL A
	BRADLEY, JOHN
	GRATOVICH, NATALIE A
	KIMMINS, SEAN
	MUNRO, DONALD F
	NOVIELLO, ROBERT
	ROELOFFZEN, SONYA A
	TAILLON, DANIEL
	TOOMEY, DONNA M
	USVYATSKY, ILYA
	WAGLEY, SUBID
25	MOQUIN, RHEA J
26	CASELLA, JAYNE L
	DAYDREAM BELIEVERS
	KAISSAR, Y
	KIRCHGASSNER, HENRY F
	MASSARA, ARTHUR J
	MCDONALD, CATHERINE F
	PRAJAPATI, SANDESH D
	SAKS, ANDREW C
29	BREGMAN, PETER J
44	FAIOLA, RALPH J
51	TOWN OF ARLINGTON
54	SKINNER, BARBARA P
	STARETS, HEATHER J
57	OSTERWEIS, BURTON
67	CAMMARATA, ANGELINA L
	CHOW, CLIFTON M

GROVE ST 2005 (Cont'd)

67	CODY, DEBRA A
	DANIELL, MILDRED
	GONDALIA, SAMIR S
	KAMINSKI, B
	KIRIK, ANDREW
	KOMATSU, AKIRA
	MILLER, ALINE
	POWERS, GLEN A
	RAMOS, CARMINA
	VINEBURGH, JAMES
68	BERNAL, LISET H
	FAZIO, MARISSA A
	JAMES, JOHNNY
	RONAYNE, ANTHONY
	SCHWARB, DAVID
	THOMSON, BROOKE
	WEBSTER, MITCHELL
69	BARROS, TEREZA
	CARTER, J
	CHARIGNON, SOPHIE
	FEROLA, MICHAEL J
	HENDRICKS, VALERIE L
	HOFFMAN, MEGHANN
	LEACH, CRAIG
	LEONG, MOLLY
	MCCLURE, DAN A
	MCGRATH, JAMES L
	MENDES, FABIO
	TOMAZ, VARGAS
	WOJCIK, MARK J
71	ATKINSON, LISA
	CUNNINGHAM, THERESA C
	GHOSH, ARUNAVA
	GOOD, MARILYN E
	HONGSAMAT, TARAPONG
	IRWIN, WILLIAM L
	KOCH, DEBRA
	RAPOSO, PETER
	ROBLETO, E
	SHEDDE, RAJESH
	WANAKASEMSAN, CHAVATIK
	ZHANG, CHEN
75	JOHNSON, SANDRA A
	MAHONEY, CHRIS J
	SWANSON, LEONA E

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

PRENTISS RD 2005

2	SPIRIT DECORATORS
6	CROWE, MICHELLE
	LABELLA, CAROLINE E
	NUSS, CHARLES K
10	DIENG, HAM C
	GUO, J
	HU, SUYUN
	SUN, JIANFENG
	WANG, HAIBIN
	ZHANG, XIANG
16	ROCKWELL, PAUL J
19	SONS OF ITALY LODGE 1349
32	COMBUSTION ELECTROMAGNETI

Target Street	Cross Street	Source
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DUDLEY ST 2000

8	BARMASHI, T
	CAREW, JAMES
	CARLO, JAMES
	DANG, V
	FEVRE, JOFFRE
	LEFEVRE, JOFFRE C
	NYAMEKYE, ANDREW
	TILNEY, HOBART W
	XIAOQI, LIU
	ZHANG, XIAOYI
11	DAO, JULIA
	TAHBOUB, KARIM
14	CHESTNOVA, OLGA
	COUTO, CINDY
	DAS, DIPAK
	DIXON, LISA
	GU, OLIVER H
	HOWES, TRUMAN R
	KAUR, A
	LENNON, M M
	MEDER, DAVID
	MILLER, JASON
	MORSE, JOHN M
	PANKHAWALA, C A
	SJOGREN, JANE
	TCHESTNOV, IOURI V
	WANG, YONGMEI
15	NALBANDIAN, HAIG
	WARE, WILLIAM
16	ROSS, ADAM P
19	FLAGG, BARBARA L
	HAGGETT, KURSTEN
	LOCKWOOD, MURIEL
	PFAFF, LINDA
25	COSTA, JOSEPH J
29	HENDRICKSON, ANDY
	SPRAGUE, MARY
33	ONEIL, ALISON
35	KESSLER, PATTI
36	BRUCES TIRE SERVICE INCORPORATED
37	PENTA, MARIE
38	RILEY, WILLIAM
39	GREEN, MICHAEL
40	EMMONS, BRIAN A
41	ABBOTT, C E
	DIXON, LISA A
	HIRSCH, BRIAN
	SCHUSCHU, P
42	DOREMUS, LINDA
43	FARRELL, JUNE R

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DUDLEY ST 2000 (Cont'd)

47	ABBOTT, JAMES P
	BENSON, SUSAN
	CORCORAN, D
51	BURHANS, DAWN
	ELLSWORTH, LEIGH
52	BURNS, GARY
	SULLIVAN, DIANE
53	OVERHISER, DIANE
54	PERRY, JOEL
55	FINOCHETTI, JOHN V
56	KLING, SCOTT
61	SANTINI, MARK F
65	HANSEN, GRACE F
66	LAVALLEE, D R
67	BOUDREAU, BARBARA A
75	TECH ALTERNATIVES CORPORATION
76	LYNCH, B J

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 2000

7	CAFFERKY, JOHN K
9	PAULINO, STEPHEN
	TODOSICHUK, RICHARD
10	MYATT, ANN M
11	BROWN, DONNA R
12	FEDOROV, SERGEY
	HANFORD, HOLLY S
14	BERKA, THOMAS R
	BLAINE, S
	FEDELE, SEAN
	GOULD, S
	KUDRI, DENIS
	LUFTIG, SELENA
	MOORE, W M
	MORTENSEN, RITA M
	PETRIDES, V
	SHRESTHA, BASANT
	SICOTTE, ERNEST
	STRICKLAND, LEE
	WEN, STEVE
	WHANG, WOONG
	WINT, ERICA
15	MORSE, TODD
17	CHEN, GAN
	FERDINAND, B
	MICHAUD, PAULINE T
	VITALE, PETER
18	GALITZ, LEONARD H
	HARRISON, LINDA
	IKEGAMI, N
	MENOTOMY CRAFTSMEN INCORPORATED
	MORAVICK, JOAN
	MULA, JAMES
	OSGOOD, JULIA K
	PAREKH, BHAVIN
	SEFTON, STEPHEN
	SLATE, DEBORAH A
	WILLIAMS, DENNIS
19	BABA, OMAR
	BAMBERG, AMY
	HUTCHINS, J
	KENNEY, KARYN
	LAFOND, JOYCE
	PROFERES, T N
20	LD CARPET CLEANING
	LOMBARD DEVELOPMENT CORPORATION
21	HARRIS, WILLIAM
	LAFAYETTE, J M
	LUND, J L
	PATTON, STEPHEN J

GROVE ST 2000 (Cont'd)

21	STECYK, SHERYL
24	BERGERON, P
	CARRABINO, JOSEPH W
	CHUBINSKAYA, Y P
	DAVIDSON, BROOKS
	GRATOVICH, NATALIE A
	NICOLL, ROGER E
	NOURZI, MIKH
	PRINCE, JILL A
	SEENATH, RONALD
25	MOQUIN, RHEA
26	COUTURE, KAREN L
	DEAN, KENNETH
	KAISSAR, Y
	KENNEDY, WILLIAM F
	KIRCHGASSNER, HENRY
	LAFONTANT, C
	MCDONALD, C F
	OBRIEN, A M
44	FAIOLA, RALPH
50	BRATTLE REALTY TRUST
54	MENDEZ, F
	SKINNER, BARBARA P
	STARETS, HEATHER
67	CODY, MICHAEL W
	LINDE, LAURA
	NEEDHAM, KEVIN
	POWERS, GLEN
	QUAH, DARREL K
	SMITH, BABS L
68	JAMES, JOHNNY
69	CHEN, MING L
	FEROLA, ALLAN W
	HALL, BRENT
	MCCLURE, DAN
	MOLOY, MAURA
	REIS, J L
	SANGUDI, BRIAN M
	TUNG, FEI
	VATNE, K
70	BYRNE, DAN
	MCCAFFERY, WILLIAM
71	CUNNINGHAM THERESA
	FASTHORSE, LYNETTE R
	PANICO, JAMES V
	PAUL, P
	RILY, B
75	CONNOLLY, MICHAEL F
	ROBERTS, DAVID
	ZANAZANIAN, ANTONIO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

PRENTISS RD 2000

6	BERMAN, ERIC
	DANTOWITZ, RONALD
	KROZEL, L
10	DIENG, CHI H
	LIN, LAN F
19	SONS OF ITALY LODGE 1349
22	WILFERT BROTHERS WOODWORKING COMPANY INCORPORATED
32	COMBUSTION ELECTROMAGNETICS INCORPORATED
	IGNITION RESEARCH CORPORATION

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DUDLEY ST 1995

8	ALVAREZ, MARCOS & ESPERANZA
	AMMARI, H
	BARMASHI, T
	BRENNAN, L A
	CAREW, JAMES
	EINARSON, H B
	GALLAND, SASHA
	GIETHEIM, HAREL
	JONES, JEFF
	MEDNICK, GEO
	NETTO, WALTER
9	AMF OPTICS INC
11	COHEN, B & C
	HEINRICH, GERHARD
	PATEL, BIDHIN
	RICHTER, MATTHEW
14	HAMBY, BIX
	HOWES, TRUMAN R
	JOHNSON, DAVID
	RANAURO, JOHN C, JR
	SCHAGER, DOROTHY
	TRUVEDSON, M R
	VANDYNE, P
	WHITE, DORIS E
15	LORENCE, MARK J
	WARE, WM
19	ANNIS, M
	FLAGG, B L
	FRASER, JONATHAN
	FRASER, JONATHAN D
	LOCKWOOD, M
23	OXBOW PARTNERS
25	COSTA, JOS J
26	ARDIZZONI, JOHN
	COLEMAN CONSTRUCTION
	PHOENIX ELECTRICAL CONTRACTORS
	PHOENIX ELECTRICAL CONTRACTORS INC
	PORTER NANCY PRODUCTIONS
	REGIONAL CONTRACTORS
	VARSITY MEDICAL
29	HENDRICKSON, ANDY
	SPRAGUE, MARY
33	FORSTER, BURKE
34	ADVANCE AUTO CLEANING & DETAIL
	ARLINGTON GLASS CO
	DUDLEY AUTO SALES
	DUDLEY STREET AUTO BODY
	ED WHALEN'S CAR CLEANING
35	CAMPBELL, SETA & RICHARD A
36	BRUCE'S TIRE SERVICE INC

DUDLEY ST 1995 (Cont'd)

36	KELLY TIRES
37	PENTA, M
38	DENN, JAS & CAROLYN
	RILEY, WM
40	EMMONS, B A
	MURPHY, SEAN
41	DALE ENGINEERING
	HAWKES, CHRIS D
	LEIBY, J E
	SHALLER, L D
42	DOREMUS, LINDA
	FEROLA, S F
43	ARLINGTON AUTOMOTIVE MACHINE, MACH SHOP
	DUDLEY FUEL CO
	FARRELL, J R
47	BENSON, SUSAN
	KENNEDY, E A
	WARREN, K D
51	CARLSON INSPECTION ASSOCIATES
	CARLSON, WERNER A, BLDR
	NIGRO, SAMUEL J III & LUCIA
52	BUTLER ELECTRIC
	BUTLER, STEPHEN J
53	OVERHISER, D
54	NAGLE, J
55	FINOCHETTI, J V
60	SANTINI INC
61	LOJO, M
65	HANSEN, RALPH H
66	HILFERTY, R
67	BOUDREAU, D
	BOUDREAU, J BEN
71	PROSPER SOFTWARE
	SAVOIR FAIRE CATERING INC
75	TECH ALTERNITIVES CORP
76	LYNCH, FRANCIS J
77	MASS CONTROL CENTER INC

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 1995

5	MANTHOS, JENNIFER
7	FULLAM, J
9	LOUTHAIN, JIM
	PAULINO, STEPHEN & LORRAINE
10	MYATT, A M
11	BROWN, FRANK R
12	MCCANTZ, JONATHON
14	BANG, SON KWON
	BERKA, THOMAS
	BERKA, THOMAS R
	BOADI, WM
	DICKERSON, MARK
	DUGAN, L
	ESPINDLE, DONNA
	FEDELE, SEAN
	JOHNSON, MERCEITA
	JONES, JESSE
	JONES, WM R
	JUN, MYUNG SOO
	KREUZ, RICHARD
	LA, HOSEONG
	LUFTIG, S
	MORTENSEN, R M
	NIGRO, LOUIS
	NOBIS, EDW N
	PETRIDES, V
	RICHARDI, KENNETH
	SANBORN, CATHERINE
	SCHORR, J
	SICOTTE, ERNEST
	SMITH, KENNETH
	STRICKLAND, LEE
	WEN, KWAN TZU
15	CHAGNON, ROBT E
	RUSSELL, BRUCE
16	LOMBARD, ERNEST
17	BRUMFIELD, P
	CALARESO, CHRIS
	HANUSIAK, LOUIS
	OROURKE, EILEEN
	PORTER, L J
18	DUTTA, ABHIJIT
	GALITZ, LEONARD H
	ISENBERG, L
	LAWN, WM
	MCDONALD, ROBT
	MCINTYRE, KEVIN
	MENOTOMY CRAFTSMEN INC
	MORAVICK, J
	MURRAY, GREGORY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GROVE ST 1995 (Cont'd)

18	SAUNDERSEED, JOHN R
	SCANLON, M
	WILLIAMS, DENNIS
19	BURR, E R
	CROCKETT, KEVIN
	O'NEILL, K M
	PUCKERIN, R
	STECHER, T
20	GROVE ASSOCIATES
	LD CARPET CLEANING
	LOMBARD DEVELOPMENT CORP
	SAMPLE, R
	SAMPLE, ROGER
	TARA LEAH REALTY TRUST
21	CHEN, P
	KUTNJAK, BRIGITA & ZDRAVKO
	WARREN, MARK R
24	CARRABINO, JOS W
	DAVIDSON, BROOKS
	JONES, ERIC H
	NAZAIRE, MARGALIE
	NICOLL, R E
	SHELTON, CATHRYN
	YADAV, JEETENDRA
25	DALEY, J M
26	BAYLES, DEBORAH
	ENGIBOUS, JUDY
	FALLON, S
	KENNEDY, WM F
	KHATCHATRIAN, HRANT
	KIRCHGASSNER, H
	LINEHAN, LOUISE P
	LUNDIN, MARK A
	MASSARA, ARTHUR J
	MCDONALD, C F
	NICKERSON, NANCY
	O'BRIEN, A M
	RAMESH, ASHA
	WAITE, WINFRED L
31	WOOD, DAVID
44	FAIOLA, RALPH
50	BRATTLE REALTY TRUST
54	LAHTINEN, ERIC
	SKINNER, B P
	STARETS, HEATHER
67	FIELDING, VICTORIA
	FOX, JOHN M
	MU, NING
	NEEDHAM, KEVIN
	POWERS, GLEN

GROVE ST 1995 (Cont'd)

67	ROAN, THOS
	SAMPSON, JOS
	SHAMIS, VLADISLAV
	SMITH,L BABA
	VARTANIAN, GREG
68	ANTONUCCI, THOS & CAROL
69	HALL, BRENT
	REDDY, DANL W
	RILEY, ELIZABETH
	VATNE, K
70	BRADY, JOHN
	DEHERDT, RICHARD D
	JACOBSON, ROBIN
	RABIN, KENN A
	TAMAGNO, C
71	CRAIG, CHAS R
	ERICSON, C
	HASKELL, MARTIN D
	HELIN, JARI
	LIU, TE YANG
	METZ, KEN
	PAUL, P
	PURSER-HASKELL, SUSAN
75	GUPTA, MANISH
	PETERSON, CATHERINE
	PRATT, JASON M

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

PRENTISS RD 1995

6	ABBERTON, MICHAEL
10	CHARY, SUMITRA
16	MCGUIRE, PATK & MARGARET
19	SONS OF ITALY LODGE 1349
22	WILFERT BROS WOODWORKING CO INC
32	COMBUSTION ELECTROMAGNETICS INC
	IGNITION RESEARCH CORP

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

DUDLEY ST 1992

8	AFSAR, NADER
	ANANIS, VITO F
	BARMASHI, T
	CAREW, JAMES
	EINARSON, BYRON
	FAIRWEATHER, JOS E
	HAMPTON, K
	HIGGINS, ROBT A
	MEDNICK, GEO
	NETTO, WALTER
	QUIGLEY, SEAN T
	WHITE, J R
9	AMF OPTICS INC
11	DIXON, BRIAN & JENNIFER
	FOSTER, SUSAN E
	GLAUSER, L
14	CAPOBIANCO, JERRY
	CUNEO, STEPHEN
	HAMILTON, BARRY E
	HODGE, T
	HOWES, TRUMAN R
	LANGLOIS, MICHAEL
	MCKENZIE, FRANK
	PATTERSON, GERARD
	SEARS, JOS L
	TINTA, G
	VANDYNE, P
	WARREN, K D
15	BLOM, SASCHA
	JAYNES, LINDA S
19	ANNIS, M
	FRASER, JONATHAN
	FRASER, JONATHAN D
	LOCKWOOD, M
	PARTINEN, JARKKO & SEIJA
23	STELLA DORO BISCUITS
25	COSTA, JOS J
26	HYDE R W CONSTRUCTION INC
29	REMALY, KATHLINE & MARK
33	VALERIO, ANTHONY J
34	A C AUTO RENTAL
	ARLINGTON GLASS CO
	DUDLEY AUTO SALES
	DUDLEY STREET AUTO BODY
	UGLY DUCKLING RENT-A-CAR
	UGLY DUCKLING RENT-A-CAR OF ARLINGTON
35	PARRAGONA, FRANK
	ROCKWAY LANDSCAPING
36	GREEN BRUCE A
	SUPERIOR TIRE & BRAKE INC

DUDLEY ST 1992 (Cont'd)

37	PENTA, FRANK
38	DENN, JAS & CAROLYN
	VIGLIROLO, GAIL & KAREN
40	ANDREW, DOMINIC
	AVENDANO, ENRIQUE
	EMMONS, B A
	ROBERT VALERI
41	DALE ENGINEERING
	LEIBY, J E
	SHALLER, L D
	WARREN, L
42	DOREMUS, LINDA
	FORMICHELLA, MICHAEL
	STAPLES, BRENDA
43	ARLINGTON AUTOMOTIVE MACHINE, MACH SHOP
	BREAKFAST SPECIALTIES
	DUDLEY ASBESTOS ABATEMENT SERVICE
	DUDLEY FUEL CO
	FARRELL, J R
	KOS BAKERY
	STEVE'S DONUTS
47	MURPHY, MAUREEN
51	CARLSON INSPECTION ASSOCS
	CARLSON, WERNER A, BLDR
	DIMOND, L M
54	GOODKIN, K
56	LAFERRIERE, K
60	SANTINI INC
65	HANSEN, RALPH H
66	HILFERTY, R
67	BOUDREAU, D
	BOUDREAU, J BEN
71	PROSPER SOFTWARE
	SAVOIR FAIRE CATERING INC
	TECH ALTERNITIVES CORP
76	LYNCH, FRANCIS J
77	MASS CONTROL CENTER INC

Target Street	Cross Street	Source
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GROVE ST 1992

7	MCGOVERN, L
9	HARRISON, KEVIN
	PAULINO, STEPHEN & LORRAINE
10	MYATT, A M
11	BROWN, FRANK R
12	COOMBES, K
14	FALAH, REYAD
	HERLIHY, B J
	JOHNSON, MERCEITA
	JONES, JESSE
	JONES, WM R
	KOUYOUMJIAM, A
	LOVERIDGE, D MICHAEL
	MORTENSEN, R M
	NOBIS, EDW N
	PETRIDES, V
	RHODES, AMY & BRUCE
	RUTH, K
	SANBORN, CATHERINE
	SICOTTE, ERNEST
	STRICKLAND, LEE
	ULANE, CHAS
15	CHAGNON, ROBT E
	RUSSELL, BRUCE
16	LOMBARD, ERNEST
17	ARENA, JOSEPH V
	CALARESO, CHRIS
	HANUSIAK, LOUIS
	HOOPER, N
	PICKELL, B
18	GALITZ, LEONARD H
	ISENBERG, L
	KANE, EUGENE F
	LAWN, WM
	MAHONEY, JEREMIAH F
	MENOTOMY CRAFTSMEN INC
	MORAVICK, J
	PAN, B
	PORTER, JAY
	SCANLON, M
	SHARPE, E & F
	SHIGIHARA, YOSHIKAVA
	WALDRON, RICHARD J
	WILLIAMS, DENNIS
19	BURR, E R
	O'NEILL, K M
	PUCKERIN, R
20	GROVE ASSOCIATES
	LD CARPET CLEANING
	LOMBARD DEVELOPMENT CORP

GROVE ST 1992 (Cont'd)

20	SAMPLE, ROGER
	TARA LEAH REALTY TRUST
21	BANSAL, K C & URMIL
	LORD, S P
	PARAISON, G
	ROGARIS, B
24	BROWN, C
	CALDERONE, DENIS
	JONES, ERIC H
	LIM, GEOFF
	MAGEE, KAREN
	NAZAIRE, MARGALIE
	NICOLL, R E
	RUCKER, H
	SESTOKAS, JANET
	SLATE, D A
26	DAVIS, S
	GOURLAY, ALASTAIR
	KENNEDY, WM F
	KIRCHGASSNER, H
	LINEHAN, LOUISE P
	MASSARA, ARTHUR J
	MCDONALD, C F
	NICKERSON, NANCY
	NILAKANTAN, RAJALAKSHMY
	NILAKANTAN, VAIDYANATHAN
	O'BRIEN, A M
	WAITE, WINFRED L
44	FAIOLA, RALPH
50	BRATTLE REALTY TRUST
51	ARLINGTON TOWN OF EMERGENCY NUMBERS WATER/SEWER
	ARLINGTON TOWN OF-EMERGENCY NUMBERS-PUBLIC WORKS
	LOCAL 680 AFSCME
54	SKINNER, B P
	VANMOORTEL, M
67	BLAKE, WILLIAM JR
	CLAIR, TERENCE
	FARRELL, JOSEPH & DEBRA
	POWERS, GLEN
	SAMPSON, JOS
	SMITH, BABS
	TSENG, MARK
68	CIARLEGIO, D
69	AVILA, L
	CONNOR, D M
	KUCHINSKY, RENATA
	LABONTE, WENDY & ANDY
	MARTIN, E & P
	PERRY, S
	REDDY, DANL W

GROVE ST 1992 (Cont'd)

69	RENAHAN, THOS
	RIPPIN, SAML A
70	DEHERDT, RICHARD D
	JACOBSON, ROBIN
	NICOLL, ROBT
	RABIN, KENN A
	SHAKER, T M
71	CRAIG, CHAS R
	LATTA, CHARLES P
	LEARY, GEO
	MELLGREN, CARL G
	PARK, KIMBERLY
	PAUL, P
75	HAMILTON, PENNY
	PABIAN, DEBORAH

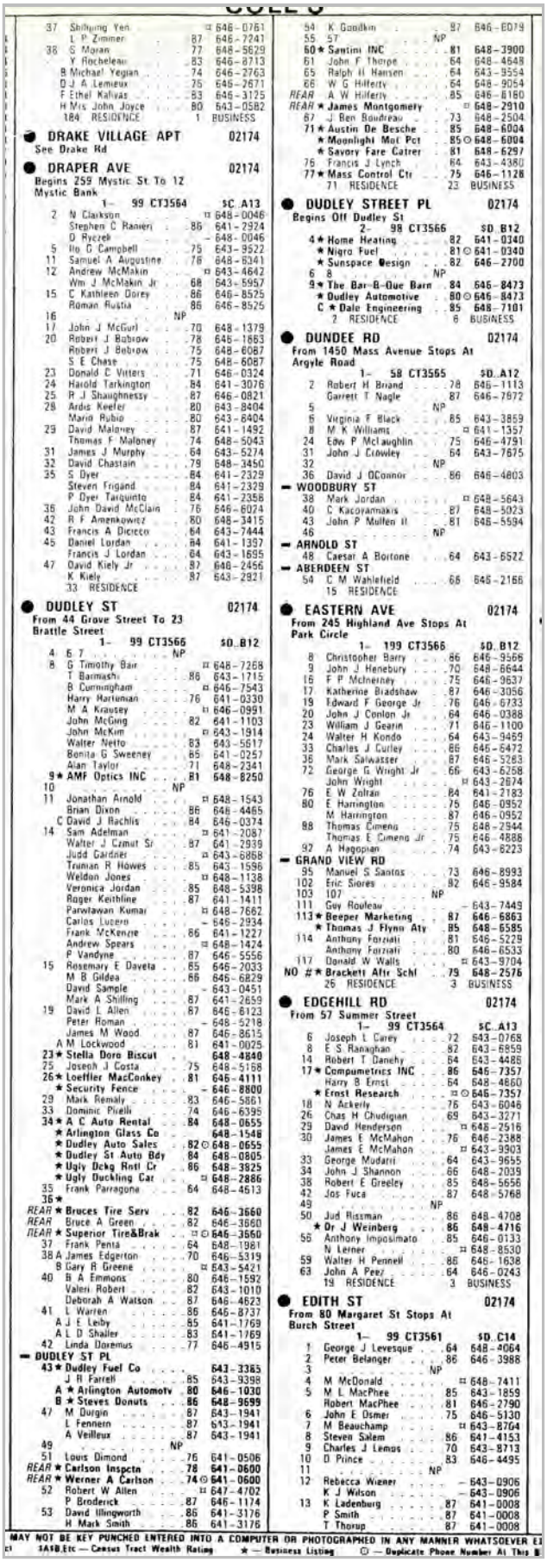
Target Street	Cross Street	Source
-	✓	EDR Digital Archive

PRENTISS RD 1992

6	IUCHI, SHIRO
	PAPATHANASIOU, PETER
10	KUO, DAVID
16	MCGUIRE, PATK & MARGARET
19	SONS OF ITALY LODGE 1349
22	WILFERT BROS WOODWORKING CO INC
32	COMBUSTION ELECTROMAGNETICS INC
	IGNITION RESEARCH CORP

Target Street	Cross Street	Source
✔	-	Cole Criss-Cross Directory

DUDLEY ST 1989



37 Shihyung Yen ¤ 646-0761
L P Zimmer 87 646-7241
38 S Moran 77 648-5629
Y Rocheleau 83 646-8713
B Michael Yegian 74 646-2763
D J A Lemieux 75 645-2671
F Ethel Kalivas 83 646-3125
H Mrs John Joyce 80 643-0582
184 RESIDENCE 1 BUSINESS

DRAKE VILLAGE APT 02174
See Drake Rd

DRAPER AVE 02174
Begins 259 Mystic St To 12 Mystic Bank
1- 99 CT3564 $C..A13
2 N Clarkson ¤ 648-0046
Stephen C Ranieri 86 641-2924
D Ryczek - 648-0046
5 Ilo G Campbell 75 643-9522
11 Samuel A Augustine 76 648-8341
12 Andrew McMakin ¤ 643-4642
Wm J McMakin Jr 68 643-5957
15 C Kathleen Dorey 86 646-8525
Roman Rustia 86 646-8525
16 NP
17 John J McGurl 70 648-1379
20 Robert J Bubrow 78 646-1663
Robert J Bubrow 75 648-6087
S E Chase 75 648-6087
23 Donald C Vitters 71 646-0324
24 Harold Tarkington 84 641-3076
25 R J Shaughnessy 87 646-0821
28 Ardis Keefer 80 643-8404
Mario Rubio 80 643-8404
29 David Maloney 87 641-1492
Thomas F Maloney 74 648-5043
31 James J Murphy 64 643-5274
32 David Chastain 79 648-3450
35 S Dyer 84 641-2329
Steven Frigand 84 641-2329
P Dyer Tarquinto 84 641-2358
36 John David McClain 76 646-6024
42 R F Amemkowicz 80 648-3415
43 Francis A Dicicco 64 643-7444
45 Daniel Lordan 84 641-1397
Francis J Lordan 64 643-1695
47 David Kiely Jr 87 648-2466
K Kiely 87 643-2921
33 RESIDENCE

DUDLEY ST 02174
From 44 Grove Street To 23 Brattle Street
1- 99 CT3566 $D..B12
4 6 7 NP
8 G Timothy Barr ¤ 648-7268
T Barmash 86 643-1715
B Cunningham ¤ 646-7543
Harry Hartenian 76 641-0330
M A Krausey ¤ 646-0991
John McGing 82 641-1103
John McKim ¤ 643-1914
Walter Netto 83 643-5617
Benita G Sweeney 85 641-0257
Alan Taylor 71 648-2341
9★ **AMF Optics INC** 81 **648-8250**
10 NP
11 Jonathan Arnold ¤ 648-1543
Brian Dixon 86 646-4465
C David J Bachlis 84 646-0374
14 Sam Adelman ¤ 641-2087
Walter J Czmut Sr 87 641-2939
Judd Gardner ¤ 643-6858
Truman R Howes 85 643-1596
Weldon Jones ¤ 648-1138
Veronica Jordan 85 648-5398
Roger Keithline 87 641-1411
Parwtawan Kumar ¤ 648-7662
Carlos Lucero - 646-2934
Frank McKenzie 86 641-1227
Andrew Spears ¤ 648-1424
P Vandyne 87 646-5556
15 Rosemary E Davela 85 646-2033
M B Gildea 86 646-6829
David Sample - 643-0451
Mark A Shilling 87 641-2659
19 David L Allen 87 646-8123
Peter Roman - 648-5218
James M Wood 87 646-8615
A M Lockwood 81 641-0025
23★ **Stella Doro Biscut** **648-4840**
25 Joseph J Costa 75 648-5168
26★ **Loeffler MacConkey** 81 **646-4111**
★ **Security Fence** - **646-8800**
29 Mark Remaly 83 646-5861
33 Dominic Pivelli 74 646-6395
34★ **A C Auto Rental** 84 **648-0655**
★ **Arlington Glass Co** **648-1548**
★ **Dudley Auto Sales** 82 ⊙ **648-0655**
★ **Dudley St Auto Bdy** 84 **648-0805**
★ **Ugly Dckg Rntl Cr** 86 **648-3825**
★ **Ugly Duckling Car** ¤ **648-2886**
35 Frank Parragone 64 648-4613
36★
REAR ★ **Bruces Tire Serv** 82 **646-3660**
REAR Bruce A Green 82 646-3660
REAR ★ **Superior Tire&Brak** ¤ ⊙ **646-3560**
37 Frank Pena 64 648-1981
38 A James Edgerton 70 646-5319
B Gary R Greene ¤ 643-5421
40 B A Emmons 80 646-1592
Valeri Robert 82 643-1010
Deborah A Watson 87 646-4623
41 L Warren 86 646-8737
A J E Leiby 85 641-1769
A L D Shaller 83 641-1769
42 Linda Doremus 77 646-4915
DUDLEY ST PL
43★ **Dudley Fuel Co** **643-3365**
J R Farrell 85 643-9398
A ★ **Arlington Automotv** 80 **646-1030**
B ★ **Steves Donuts** 86 **648-9699**
47 M Durgin 87 643-1941
L Fennern 87 643-1941
A Veilleux 87 643-1941
49 NP
51 Louis Dimond 76 641-0506
REAR ★ **Carlson Inspctn** 78 **641-0600**
REAR ★ **Werner A Carlson** 74 ⊙ **641-0600**
52 Robert W Allen ¤ 647-4702
P Broderick 87 646-1174
53 David Illingworth 86 641-3176
H Mark Smith 86 641-3176
54 K Goodkin 87 646-6079
55 57 NP
60★ **Santini INC** 81 **648-3900**
61 John F Thorpe 64 648-4648
65 Ralph H Hansen 64 643-9554
66 W G Hilferty 64 648-9054
REAR A W Hilferty 85 646-8180
REAR ★ **James Montgomery** ¤ **648-2910**
67 J Ben Boudreau 73 648-2504
71★ **Austin De Besche** 85 **648-6004**
★ **Moonlight Mot Pct** 85 ⊙ **648-6004**
★ **Savory Fare Catrer** 81 **648-6297**
76 Francis J Lynch 64 643-4380
77★ **Mass Control Ctr** 75 **646-1128**
71 RESIDENCE 23 BUSINESS

DUDLEY STREET PL 02174
Begins Off Dudley St
2- 98 CT3566 $D..B12
4★ **Home Heating** 82 **641-0340**
★ **Nigro Fuel** 81 ⊙ **641-0340**
★ **Sunspace Design** 82 **646-2700**
6 8 NP
9★ **The Bar-B-Que Barn** 84 **646-8473**
★ **Dudley Automotive** 80 ⊙ **646-8473**
C ★ **Dale Engineering** 85 **648-7101**
2 RESIDENCE 6 BUSINESS

DUNDEE RD 02174
From 1450 Mass Avenue Stops At Argyle Road
1- 58 CT3565 $D..A12
2 Robert H Briand 78 646-1113
Garrett T Nagle 87 646-7672
5 NP
6 Virginia F Black 85 643-3859
8 M K Williams ¤ 641-1357
24 Edw P McLaughlin 75 646-4791
31 John J Crowley 64 643-7675
32 NP
36 David J OConnor 86 646-4803
WOODBURY ST
38 Mark Jordan ¤ 648-5643
40 C Kacoyannakis 87 648-5023
43 John P Mullen II 81 648-5594
46 NP
ARNOLD ST
48 Caesar A Bortone 64 643-6522
ABERDEEN ST
54 C M Wahlefield 66 646-2166
15 RESIDENCE

EASTERN AVE 02174
From 245 Highland Ave Stops At Park Circle
1- 199 CT3566 $D..B12
8 Christopher Barry 86 646-9566
9 John J Henebury 70 648-8644
16 F P McInerney 75 646-9637
17 Katherine Bradshaw 87 646-3056
19 Edward F George Jr 76 646-6733
20 John J Conlon Jr 64 646-0388
23 William J Gearin 71 646-1100
24 Walter H Kondo 64 643-9459
33 Charles J Curley 66 646-6472
36 Mark Saltwasser 87 646-5283
72 George G Wright Jr 66 643-6258
John Wright ¤ 643-2674
76 E W Zoltrain 84 641-2183
80 E Harrington 75 646-0952
M Harrington 87 646-0952
88 Thomas Cimens 75 648-2544
Thomas E Cimens Jr 75 646-4888
92 A Hagopian 74 643-6223
GRAND VIEW RD
95 Manuel S Santos 73 646-8993
102 Eric Stores 82 646-9584
103 107 NP
111 Guy Rouleau - 643-7443
113★ **Beeper Marketing** 87 **646-6863**
★ **Thomas J Flynn Aty** 85 **648-6585**
114 Anthony Forziati 81 646-5229
Anthony Forziati 80 646-6533
117 Donald W Walls ¤ 643-9704
NO #★ **Brackett Aftr Schl** 79 **648-2576**
26 RESIDENCE 3 BUSINESS

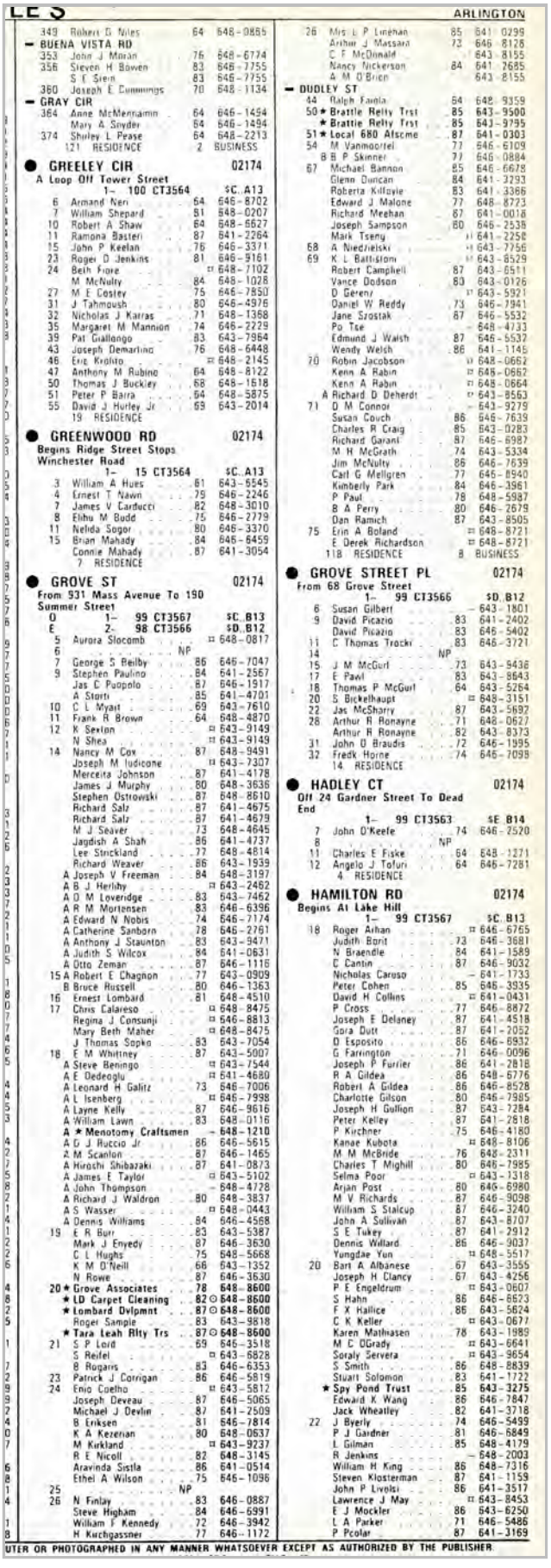
EDGEHILL RD 02174
From 57 Summer Street
1- 99 CT3564 $C..A13
6 Joseph L Carey 72 643-0768
8 E S Ranaghan 82 643-6859
14 Robert T Danehy 84 643-4486
17★ **Compumetrics INC** 86 **646-7357**
Harry B Ernst 64 648-4860
★ **Ernst Research** ¤ ⊙ **646-7357**
18 N Ackerly 76 643-6046
26 Chas H Chudigian 69 643-3271
29 David Henderson ¤ 648-2516
30 James E McMahon 76 646-2388
James E McMahon ¤ 643-9303
33 George Mudarri 64 643-9655
34 John J Shannon 66 648-2039
38 Robert E Greeley 85 646-5656
42 Jos Fuca 87 648-5768
49 NP
50 Jud Rissman 86 648-4708
★ **Dr J Weinberg** 86 **648-4716**
56 Anthony Imposimato 85 646-0133
N Lerner ¤ 648-8530
59 Walter H Pennell 86 646-1638
63 John A Peez 64 646-0243
19 RESIDENCE 3 BUSINESS

EDITH ST 02174
From 80 Margaret St Stops At Burch Street
1- 99 CT3561 $D..C14
1 George J Levesque 64 648-4064
2 Peter Belanger 86 646-3988
3 NP
4 M McDonald ¤ 648-7411
5 M L MacPhee 85 643-1859
Robert MacPhee 81 646-2790
6 John E Osmer 75 646-5130
7 M Beauchamp ¤ 643-8764
8 Steven Salem 86 641-4153
9 Charles J Lemos 70 643-8713
10 D Prince 83 646-4495
11 NP
12 Rebecca Wiener - 643-0906
K J Wilson - 643-0906
13 K Ladenburg 87 641-0008
P Smith 87 641-0008
T Thorup 87 641-0008

MAY NOT BE KEY PUNCHED ENTERED INTO A COMPUTER OR PHOTOGRAPHED IN ANY MANNER WHATSOEVER E
¤ SA5B,Etc — Census Tract Wealth Rating ★ — Business Listing ⊙ — Duplicate Phone Number At This B

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

GROVE ST 1989



LE S ARLINGTON

349 Robert G Niles 64 648-0865
- BUENA VISTA RD
353 John J Moran 76 648-6774
356 Steven H Bowen 83 646-7755
S E Stein 83 646-7755
360 Joseph E Cummings 70 648-1134
- GRAY CIR
364 Anne McMennamin 64 646-1494
Mary A Snyder 64 646-1494
374 Shirley L Pease 64 648-2213
121 RESIDENCE 2 BUSINESS

● GREELEY CIR 02174
A Loop Off Tower Street
1- 100 CT3564 SC..A13
6 Armand Neri 64 646-8702
7 William Shepard 81 648-0207
10 Robert A Shaw 64 648-6627
11 Ramona Basteri 87 641-2264
15 John P Keelan 76 646-3371
23 Roger D Jenkins 81 646-9161
24 Beth Fiore ¤ 648-7102
M McNulty 84 648-1028
27 M E Costey 75 646-7850
31 J Tahmoush 80 646-4976
32 Nicholas J Karras 71 648-1368
35 Margaret M Mannion 74 646-2229
39 Pat Giallongo 83 643-7964
43 Joseph Demarino 76 648-6448
46 Eric Krolito ¤ 648-2145
47 Anthony M Rubino 64 648-8122
50 Thomas J Buckley 68 648-1618
51 Peter P Barra 64 648-5875
55 David J Hurley Jr 69 643-2014
19 RESIDENCE

● GREENWOOD RD 02174
Begins Ridge Street Stops
Winchester Road
1- 15 CT3564 SC..A13
3 William A Hues 81 643-5545
4 Ernest T Nawn 79 646-2246
7 James V Carducci 82 648-3010
8 Elihu M Budd 75 646-2779
11 Nelida Sogor 80 646-3370
15 Brian Mahady 84 646-6459
Connie Mahady 87 641-3054
7 RESIDENCE

● GROVE ST 02174
From 931 Mass Avenue To 190
Summer Street
O 1- 99 CT3567 SC..B13
E 2- 98 CT3566 SD..B12
5 Aurora Slocomb ¤ 648-0817
6 NP
7 George S Reilby 86 646-7047
9 Stephen Paulino 84 641-2567
Jas C Puopolo 87 646-1917
A Storti 85 641-4701
10 C L Myatt 69 643-7610
11 Frank R Brown 64 648-4870
12 K Sexton ¤ 643-9149
N Shea ¤ 643-9149
14 Nancy M Cox 87 648-9491
Joseph M Iudicone ¤ 643-7307
Merceita Johnson 87 641-4178
James J Murphy 80 648-3636
Stephen Ostrowski 87 648-8610
Richard Salz 87 641-4675
Richard Salz 87 641-4679
M J Seaver 73 648-4645
Jagdish A Shah 86 641-4737
Lee Strickland 77 648-4814
Richard Weaver 86 643-1939
A Joseph V Freeman 84 648-3197
A B J Herlihy ¤ 643-2462
A D M Loveridge 83 643-7462
A R M Mortensen 83 646-6396
A Edward N Nobis 74 646-7174
A Catherine Sanborn 78 646-2761
A Anthony J Staunton 83 643-9471
A Judith S Wilcox 84 641-0631
A Otto Zeman 87 646-1116
15 A Robert E Chagnon 77 643-0909
B Bruce Russell 80 646-1363
16 Ernest Lombard 81 648-4510
17 Chris Calareso ¤ 648-8475
Regina J Consunji ¤ 646-8813
Mary Beth Maher ¤ 648-8475
J Thomas Sopko 83 643-7054
18 E M Whitney 87 643-5007
A Steve Beningo ¤ 643-7544
A E Dedeoglu ¤ 641-4680
A Leonard H Galitz 73 648-7006
A L Isenberg ¤ 646-7998
A Layne Kelly 87 646-9616
A William Lawn 83 648-0116
A ★ Menotomy Craftsmen - 648-1210
A G J Ruccio Jr 86 646-5615
A M Scanlon 87 646-1465
A Hiroshi Shibazaki 87 641-0873
A James E Taylor ¤ 643-5102
A John Thompson - 648-4728
A Richard J Waldron 80 648-3837
A S Wasser ¤ 648-0443
A Dennis Williams 84 646-4568
19 E R Burr 83 643-5387
Mark J Enyedy 87 646-3630
C L Hughs 75 648-5668
K M O'Neill 66 643-1352
N Rowe 87 646-3630
20 ★ Grove Associates 78 648-8600
★ LD Carpet Cleaning 82 ⊙ 648-8600
★ Lombard Dvlpmnt 87 ⊙ 648-8600
Roger Sample 83 643-9818
★ Tara Leah Rlty Trs 87 ⊙ 648-8600
21 S P Lord 69 646-3518
S Reifel ¤ 643-6828
B Rogaris 83 646-6353
23 Patrick J Corrigan 86 646-5819
24 Enio Coelho ¤ 643-5812
Joseph Deveau 87 646-5065
Michael J Devlin 87 641-2509
B Eriksen 81 646-7814
K A Kezerian 80 648-0637
M Kirkland ¤ 643-9237
R E Nicoll 82 648-3145
Aravinda Sistla 86 641-0514
Ethel A Wilson 75 646-1096
25 NP
26 N Finlay 83 646-0887
Steve Higham 84 646-6991
William F Kennedy 72 646-3942
H Kurchgassner 77 646-1172
26 Mrs L P Linehan 85 641-0299
Arthur J Massard 73 646-8128
C F McDonald 643-8155
Nancy Nickerson 84 641-2685
A M O'Brien 643-8155
- DUDLEY ST
44 Ralph Favola 84 648-9359
50 ★ Brattle Rlty Trst 85 643-9500
★ Brattle Rlty Trst 85 643-9795
51 ★ Local 680 Afscme 87 641-0303
54 M Vanmoorrel 77 646-6109
B B P Skinner 77 646-0884
67 Michael Bannon 85 646-6678
Glenn Duncan 84 641-3293
Roberta Kilfoyle 83 641-3386
Edward J Malone 77 648-8723
Richard Meehan 87 641-0018
Joseph Sampson 80 646-2538
Mark Tseng ¤ 641-2258
68 A Niedzielski ¤ 643-7756
69 K L Battistoni ¤ 643-8529
Robert Campbell 87 643-6511
Vance Dodson 83 643-0126
D Gereny ¤ 643-5921
Daniel W Reddy 73 646-7941
Jane Szostak 87 646-5532
Po Tse 648-4133
Edmund J Walsh 87 646-5532
Wendy Welch 86 641-1145
70 Robin Jacobson ¤ 648-0662
Kenn A Rabin ¤ 648-0662
Kenn A Rabin ¤ 648-0664
A Richard D Deherdt ¤ 643-8563
71 D M Connor 643-9279
Susan Couch 86 646-7639
Charles R Craig 85 643-0283
Richard Garant 87 646-6987
M H McGrath 74 643-5334
Jim McNulty 86 646-7639
Carl G Mellgren 77 646-8940
Kimberly Park 84 646-3961
P Paul 78 648-5987
B A Perry 80 646-2678
Dan Ramich 87 643-8505
75 Erin A Boland ¤ 648-8721
E Derek Richardson ¤ 648-8721
118 RESIDENCE 8 BUSINESS

● GROVE STREET PL 02174
From 68 Grove Street
1- 99 CT3566 SD..B12
6 Susan Gilbert 643-1801
9 David Picazio 83 641-2402
David Picazio 83 646-5402
11 C Thomas Trocki 83 648-3721
14 NP
15 J M McGurl 73 643-9436
17 E Pawl 83 643-8643
18 Thomas P McGurl 64 643-5264
20 S Bickelhaupt ¤ 648-3151
22 Jas McSharry 87 643-5692
28 Arthur R Ronayne 71 648-0627
Arthur R Ronayne 82 643-8373
31 John D Braudis 72 646-1995
32 Fredk Horne 74 646-7098
14 RESIDENCE

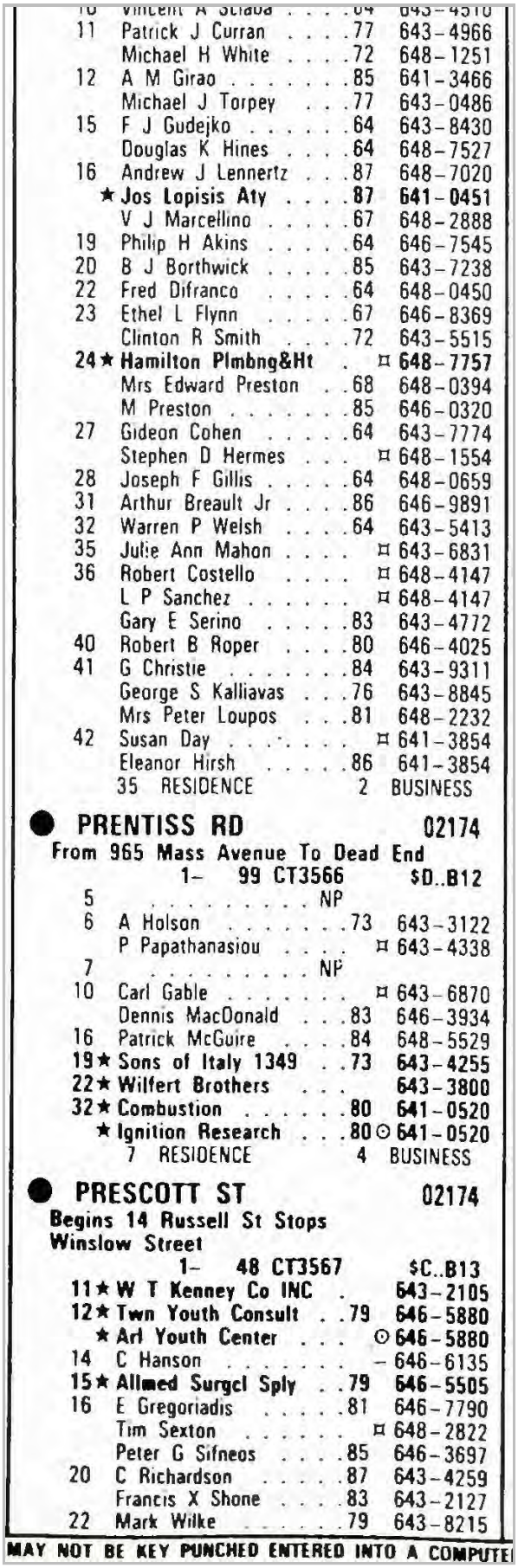
● HADLEY CT 02174
Off 24 Gardner Street To Dead
End
1- 99 CT3563 SE..B14
7 John O'Keefe 74 646-2520
8 NP
11 Charles E Fiske 64 648-1271
12 Angelo J Tofuri 64 646-7281
4 RESIDENCE

● HAMILTON RD 02174
Begins At Lake Hill
1- 99 CT3567 SC..B13
18 Roger Arhan ¤ 646-6765
Judith Borit 73 646-3681
N Braendle 84 641-1589
C Cantin 87 646-9032
Nicholas Caroso - 641-1733
Peter Cohen 85 646-3935
David H Collins ¤ 641-0431
P Cross 77 646-8872
Joseph E Delaney 87 641-4518
Gora Dutt 87 641-2052
D Esposito 86 646-6932
G Farrington 71 646-0096
Joseph P Furrier 86 641-2818
R A Gildea 86 648-6776
Robert A Gildea 86 646-8528
Charlotte Gilson 80 646-7985
Joseph H Gullion 87 643-7284
Peter Kelley 87 641-2818
P Kirchner 75 646-4180
Kanae Kubota ¤ 648-8106
M M McBride 76 648-2311
Charles T Mighill 80 646-7985
Selma Poor ¤ 643-1318
Arjan Post 80 646-6980
M V Richards 87 646-9098
William S Stalcup 87 646-3240
John A Sullivan 87 643-8707
S E Tukey 87 641-2912
Dennis Willard 86 646-9037
Yungdae Yun ¤ 648-5517
20 Bart A Albanese 67 643-3555
Joseph H Clancy 67 643-4256
P E Engeldrum ¤ 643-0607
S Hahn 86 646-6623
F X Hallice 86 643-5624
C K Keller ¤ 643-0677
Karen Mathiasen 78 643-1989
M C OGrady ¤ 643-6641
Soraly Servera ¤ 643-9654
S Smith 86 648-8839
Stuart Solomon 83 641-1722
★ Spy Pond Trust 85 643-3275
Edward K Wang 86 646-7847
Jack Wheatley 82 641-3718
22 J Byerly 74 646-5499
P J Gardner 81 646-6849
L Gilman 85 648-4179
R Jenkins - 648-2003
William H King 86 648-7316
Steven Klosterman 87 641-1159
John P Livolsi 86 641-3517
Lawrence J May ¤ 643-8453
E J Mockler 86 643-6250
L A Parker 71 646-5486
P Pcolar 87 641-3169

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PRENTISS RD 1989



10 Vincent A Sciaba 64 643-4510
11 Patrick J Curran 77 643-4966
Michael H White 72 648-1251
12 A M Girao 85 641-3466
Michael J Torpey . . .77 643-0486
15 F J Gudejko 64 643-8430
Douglas K Hines 64 648-7527
16 Andrew J Lennertz . . .87 648-7020
★ **Jos Lopisis Aty 87 641-0451**
V J Marcellino 67 648-2888
19 Philip H Akins 64 646-7545
20 B J Borthwick 85 643-7238
22 Fred Difranco 64 648-0450
23 Ethel L Flynn 67 646-8369
Clinton R Smith 72 643-5515
24★ Hamilton Plmbng&Ht . ¤ 648-7757
Mrs Edward Preston . .68 648-0394
M Preston 85 646-0320
27 Gideon Cohen 64 643-7774
Stephen D Hermes . . . ¤ 648-1554
28 Joseph F Gillis 64 648-0659
31 Arthur Breault Jr 86 646-9891
32 Warren P Welsh 64 643-5413
35 Julie Ann Mahon . . . . ¤ 643-6831
36 Robert Costello . . . . ¤ 648-4147
L P Sanchez . . . . . ¤ 648-4147
Gary E Serino 83 643-4772
40 Robert B Roper 80 646-4025
41 G Christie 84 643-9311
George S Kalliavas . . .76 643-8845
Mrs Peter Loupos . . .81 648-2232
42 Susan Day . . . . . ¤ 641-3854
Eleanor Hirsh 86 641-3854
35 RESIDENCE 2 BUSINESS

● PRENTISS RD 02174

From 965 Mass Avenue To Dead End
1- 99 CT3566 $D..B12

5 . . . . . NP
6 A Holson 73 643-3122
P Papathanasiou . . . . ¤ 643-4338
7 . . . . . NP
10 Carl Gable . . . . . ¤ 643-6870
Dennis MacDonald . . .83 646-3934
16 Patrick McGuire 84 648-5529
19★ Sons of Italy 1349 . .73 643-4255
22★ Wilfert Brothers . . . 643-3800
32★ Combustion 80 641-0520
★ Ignition Research . . .80 ⊙ 641-0520
7 RESIDENCE 4 BUSINESS

● PRESCOTT ST 02174

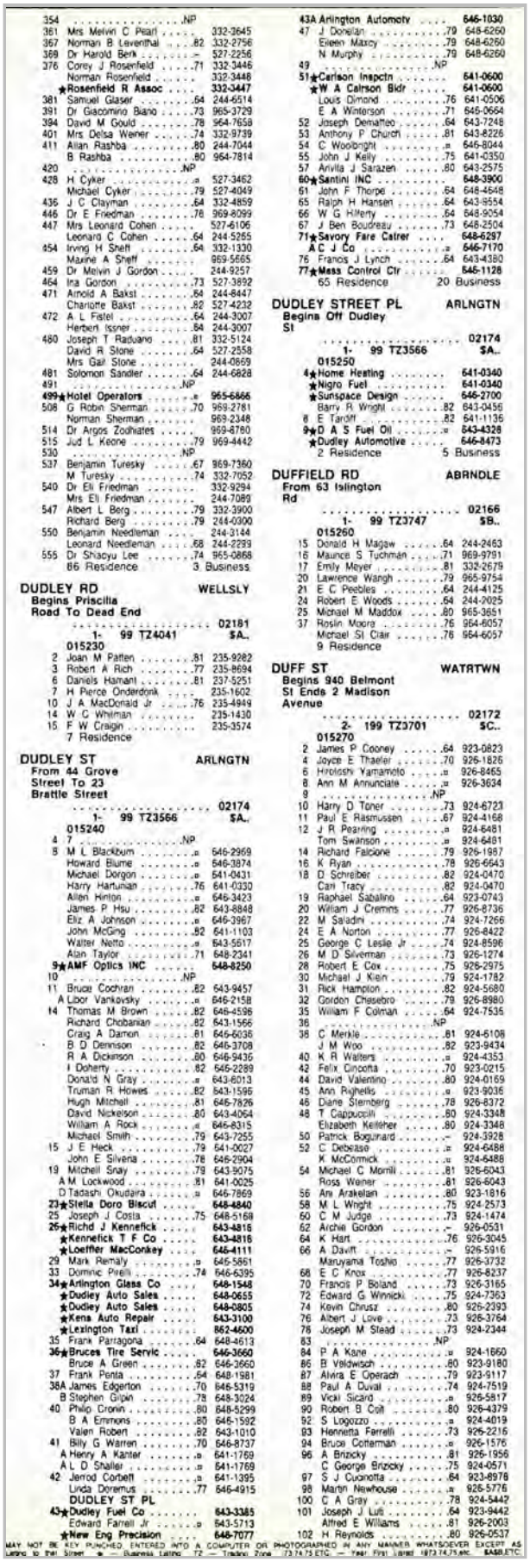
Begins 14 Russell St Stops Winslow Street
1- 48 CT3567 $C..B13

11★ W T Kenney Co INC . 643-2105
12★ Twn Youth Consult . .79 646-5880
★ Arl Youth Center . . . ⊙ 646-5880
14 C Hanson . . . . . – 646-6135
15★ Allmed Surgcl Sply . .79 646-5505
16 E Gregoriadis 81 646-7790
Tim Sexton . . . . . ¤ 648-2822
Peter G Sifneos 85 646-3697
20 C Richardson 87 643-4259
Francis X Shone 83 643-2127
22 Mark Wilke 79 643-8215

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Target Street	Cross Street	Source
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DUDLEY ST 1984



354 .....NP
361 Mrs Melvin C Pearl 332-3645
367 Norman B Leventhal 82 332-2756
369 Dr Harold Berk .....- 527-2256
376 Corey J Rosenfeld 71 332-3446
Norman Rosenfeld 332-3448
★Rosenfeld R Assoc 332-3447
381 Samuel Glaser 64 244-6514
391 Dr Giacomino Biano 73 965-3729
394 David M Gould 78 964-7658
401 Mrs Delsa Weiner 74 332-9739
411 Allan Rashba 80 244-7044
B Rashba 80 964-7814
420 .....NP
428 H Cyker .....⊡ 527-3462
Michael Cyker 79 527-4049
436 J C Clayman 64 332-4859
446 Dr E Friedman 78 969-8099
447 Mrs Leonard Cohen 527-6106
Leonard C Cohen 64 244-5255
454 Irving H Sheff 64 332-1330
Maxine A Sheff 969-5665
459 Dr Melvin J Gordon 244-9257
464 Ina Gordon 73 527-3892
471 Arnold A Bakst 64 244-8447
Charlotte Bakst 82 527-4232
472 A L Fistel 64 244-3007
Herbert Issner 64 244-3007
480 Joseph T Raduano 81 332-5124
David R Stone 64 527-2558
Mrs Gail Stone 244-0869
481 Solomon Sandler 64 244-6828
491 .....NP
499★Hotel Operators .....⊡ 965-6866
508 G Robin Sherman 70 969-2781
Norman Sherman 969-2348
514 Dr Argos Zodhiates 969-8780
515 Jud L Keone 79 969-4442
530 .....NP
537 Benjamin Turesky 67 969-7360
M Turesky 74 332-7052
540 Dr Eli Friedman 332-9294
Mrs Eli Friedman 244-7089
547 Albert L Berg 79 332-3900
Richard Berg 79 244-0300
550 Benjamin Needleman 244-3144
Leonard Needleman 68 244-2293
555 Dr Shiaoyu Lee 74 965-0868
86 Residence 3 Business

DUDLEY RD WELLSLY

Begins Priscilla Road To Dead End

..... 02181
1- 99 TZ4041 $A..
015230
2 Joan M Patten 81 235-9282
3 Robert A Rich 77 235-8694
6 Daniels Hamant 81 237-5251
7 H Pierce Onderdonk 235-1602
10 J A MacDonald Jr 76 235-4949
14 W C Whitman 235-1430
15 F W Craigin 235-3574
7 Residence

DUDLEY ST ARLNGTN

From 44 Grove Street To 23 Brattle Street

..... 02174
1- 99 TZ3566 $A..
015240
4 7 .....NP
8 M L Blackburn .....⊡ 646-2969
Howard Blume .....⊡ 646-3874
Michael Dorgon .....⊡ 641-0431
Harry Hartunian 76 641-0330
Allen Hinton .....⊡ 646-3423
James P Hsu 82 643-8848
Eliz A Johnson .....⊡ 646-3967
John McGing 82 641-1103
Walter Netto .....⊡ 643-5617
Alan Taylor 71 648-2341
9★AMF Optics INC 648-8250
10 .....NP
11 Bruce Cochran 82 643-9457
A Libor Vankovsky .....⊡ 646-2158
14 Thomas M Brown 82 646-4596
Richard Chobanian 82 643-1566
Craig A Damon 81 646-6036
B D Dennison 82 646-3708
R A Dickinson 80 646-9436
I Doherty 82 545-2289
Donald N Gray .....⊡ 643-6013
Truman R Howes 82 643-1596
Hugh Mitchell 81 646-7826
David Nickelson 80 643-4064
William A Rock .....⊡ 646-8315
Michael Smith 79 643-7255
15 J E Heck 79 641-0027
John E Silvera 78 646-2904
19 Mitchell Snay 79 643-9075
A M Lockwood 81 641-0025
D Tadashi Okudaira .....⊡ 646-7869
23★Stella Doro Biscut 648-4840
25 Joseph J Costa 75 648-5168
26★Richd J Kennefick 643-4816
★Kennefick T F Co 643-4816
★Loeffler MacConkey 646-4111
29 Mark Remaly .....⊡ 646-5861
33 Dominic Pirelli 74 646-6395
34★Arlington Glass Co 648-1548
★Dudley Auto Sales 648-0655
★Dudley Auto Sales 648-0805
★Kens Auto Repair 643-3100
★Lexington Taxi 862-4600
35 Frank Parragona 64 648-4613
36★Bruces Tire Servic 646-3660
Bruce A Green 82 646-3660
37 Frank Penta 64 648-1981
38A James Edgerton 70 646-5319
B Stephen Gilpin 78 648-3024
40 Philip Cronin 80 648-5299
B A Emmons 80 646-1592
Valen Robert 82 643-1010
41 Billy G Warren 70 646-8737
A Henry A Kanter .....⊡ 641-1769
A L D Shaller .....⊡ 641-1769
42 Jerrod Corbett .....⊡ 641-1395
Linda Doremus 77 646-4915

DUDLEY ST PL

43★Dudley Fuel Co 643-3385
Edward Farrell Jr .....⊡ 643-5713
★New Eng Precision 646-7077
43A Arlington Automotv 646-1030
47 J Donellan 79 646-6260
Eileen Maxcy 79 646-6260
N Murphy 79 646-6260
49 .....NP
51★Carlson Inspctn 641-0600
★W A Carlson Bldr 641-0600
Louis Dimond 76 641-0506
E A Winterson 71 646-0664
52 Joseph Dematteo 64 643-7248
53 Anthony P Church 81 643-8226
54 C Woodbright .....⊡ 646-8044
55 John J Kelly 75 641-0350
57 Arivila J Sarazen 80 643-2575
60★Santini INC 648-3900
61 John F Thorpe 64 648-4648
65 Ralph H Hansen 64 643-9554
66 W G Hafferty 64 648-9054
67 J Ben Boudreau 73 648-2504
71★Savory Fare Catrer 648-6297
A C J Co .....⊡ 646-7170
76 Francis J Lynch 64 643-4380
77★Mass Control Ctr 646-1128
65 Residence 20 Business

DUDLEY STREET PL ARLNGTN

Begins Off Dudley St

..... 02174
1- 99 TZ3566 $A..
015250
4★Home Heating 641-0340
★Nigro Fuel 641-0340
★Sunspace Design 646-2700
Barry R Wright 82 643-0456
8 E Tardiff 82 641-1136
9★D A S Fuel Oil .....⊡ 643-4328
★Dudley Automotive 646-8473
2 Residence 5 Business

DUFFIELD RD ABRNDLE

From 63 Islington Rd

..... 02166
1- 99 TZ3747 $B..
015260
15 Donald H Magaw 64 244-2463
16 Maunce S Tuchman 71 969-9791
17 Emily Meyer 81 332-2679
20 Lawrence Wangh 79 965-9754
21 E C Peebles 64 244-4125
24 Robert E Woods 64 244-2025
25 Michael M Maddox 80 965-3651
37 Roslin Moore 76 964-6057
Michael St Clair 76 964-6057
9 Residence

DUFF ST WATRTWN

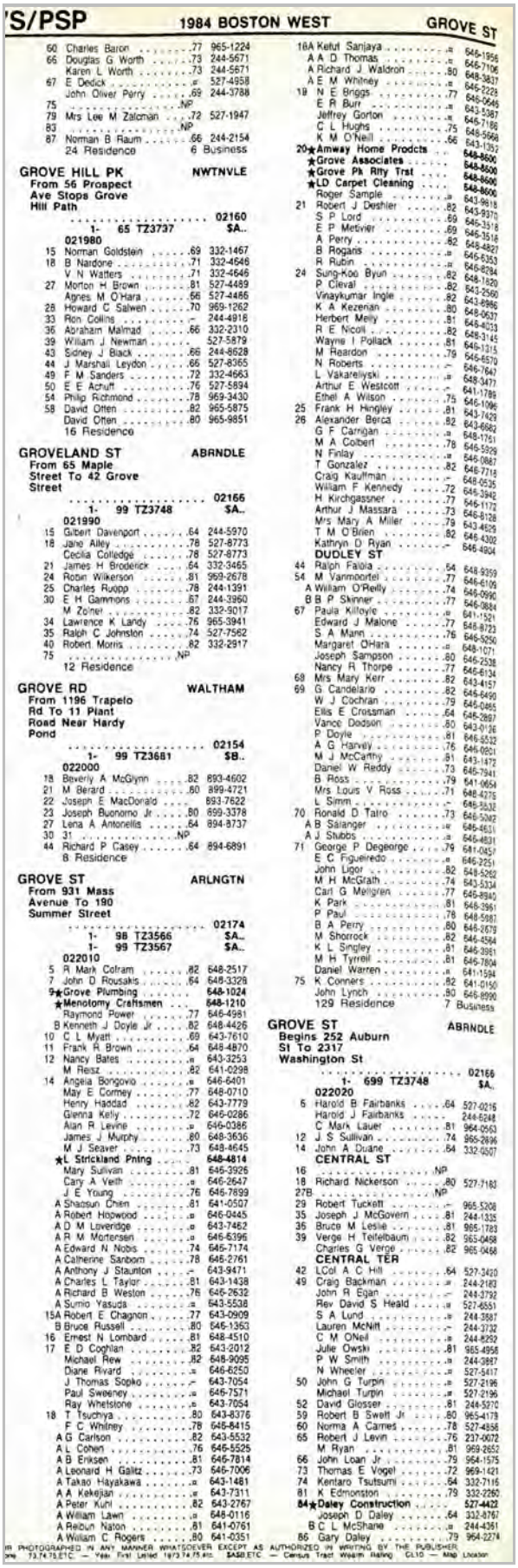
Begins 940 Belmont St Ends 2 Madison Avenue

..... 02172
2- 199 TZ3701 $C..
015270
2 James P Cooney 64 923-0823
4 Joyce E Thaeler 70 926-1826
6 Hirotoshi Yamamoto .....⊡ 926-8465
8 Ann M Annunciate .....⊡ 926-3634
9 .....NP
10 Harry D Toner 73 924-6723
11 Paul E Rasmussen 67 924-4168
12 J R Pearring .....⊡ 924-6481
Tom Swanson .....⊡ 924-6481
14 Richard Falcione 79 926-1987
16 K Ryan 78 926-6643
18 D Schreiber 82 924-0470
Cari Tracy 82 924-0470
19 Raphael Saballino 64 923-0743
20 William J Cremins 77 926-8736
22 M Saladini 74 924-7266
24 E A Norton 77 926-8422
25 George C Leslie Jr 74 924-8596
26 M D Silverman 73 926-1274
28 Robert E Cox 75 926-2975
30 Michael J Klein 79 924-1782
31 Rick Hampton 82 924-5680
32 Gordon Chesebro 79 926-8980
35 William F Colman 64 924-7535
36 .....NP
38 C Merkle 81 924-6108
J M Woo 82 923-9434
40 K R Walters .....⊡ 924-4353
42 Felix Cincotta 70 923-0215
44 David Valentino 80 924-0169
45 Ann Righellis .....⊡ 923-9035
46 Diane Sternberg 78 926-8372
48 T Cappuccili 80 924-3348
Elizabeth Kelleher 80 924-3348
50 Patrick Boguinard .....- 924-3928
52 C Debezaso .....⊡ 924-6488
K McCormick .....⊡ 924-6488
54 Michael C Morrill 81 926-6043
Ross Weiner 81 926-6043
56 Ani Arakelian 80 923-1816
58 M L Wright 75 924-2573
60 C M Judge 73 924-1474
62 Archie Gordon .....- 926-0531
64 K Hart 76 926-3045
66 A Davitt .....- 926-5916
Maruyama Toshio 77 926-3732
68 E C Knox 77 926-8237
70 Francis P Boland 73 926-3165
72 Edward G Winnicki 75 924-7363
74 Kevin Chrusz 80 926-2393
76 Albert J Love 73 926-3764
78 Joseph M Stead 73 924-2344
83 .....NP
84 P A Kane .....⊡ 924-1660
86 B Voldwisch 80 923-9180
87 Alvira E Operach 79 923-9117
88 Paul A Duval 74 924-7519
89 Vicki Sicard .....⊡ 926-5817
90 Robert B Colt 80 926-4379
92 S Logozzo .....⊡ 924-4019
93 Henrietta Farrelli 73 926-2216
94 Bruce Cotterman .....⊡ 926-1576
96 A Brizicky 81 926-1956
C George Brizicky 75 924-0571
97 S J Cusinotta 64 923-8978
98 Martin Newhouse .....⊡ 926-5776
100 C A Gray 78 924-5442
101 Joseph J Lufi 64 923-9442
Alfred E Williams 81 926-2003
102 H Reynolds 80 926-0537

MAY NOT BE KEY PUNCHED, ENTERED INTO A COMPUTER OR PHOTOGRAPHED IN ANY MANNER WHATSOEVER EXCEPT AS Listing to that Street ⊡ — Business Listing 72 — Tracking Zone 73,74,75 ETC — Year First Listed 1973,74,75,etc BASB,ETC

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

GROVE ST 1984



'S/PSP 1984 BOSTON WEST GROVE ST

60 Charles Baron 77 965-1224
66 Douglas G Worth 73 244-5671
Karen L Worth 73 244-5671
67 E Dedick .....R 527-4958
John Oliver Perry 69 244-3788
75 .....NP
79 Mrs Lee M Zalcman 72 527-1947
83 .....NP
87 Norman B Raum 66 244-2154
24 Residence 6 Business

GROVE HILL PK NWTNVLE
From 56 Prospect Ave Stops Grove Hill Path
02160
1- 65 TZ3737 $A..
021980
15 Norman Goldstein 69 332-1467
18 B Nardone 71 332-4646
V N Watters 71 332-4646
27 Morton H Brown 81 527-4489
Agnes M O'Hara 66 527-4486
28 Howard C Salwen 70 969-1262
33 Ron Collins .....- 244-4918
36 Abraham Malmad 66 332-2310
39 William J Newman 527-5879
43 Sidney J Black 66 244-8628
44 J Marshall Leydon 66 527-8365
49 F M Sanders 72 332-4663
50 E E Achuff 76 527-5894
54 Philip Richmond 78 969-3430
58 David Otten 82 965-5875
David Otten 80 965-9851
16 Residence

GROVELAND ST ABRNDLE
From 65 Maple Street To 42 Grove Street
02165
1- 99 TZ3748 $A..
021990
15 Gilbert Davenport 64 244-5970
18 Jane Alley 78 527-8773
Cecilia Colledge 78 527-8773
21 James H Broderick 64 332-3465
24 Robin Wilkerson 81 969-2678
25 Charles Ruopp 78 244-1391
30 E H Gammons 67 244-3960
M Zolner 82 332-9017
34 Lawrence K Landy 76 965-3941
35 Ralph C Johnston 74 527-7562
40 Robert Morris 82 332-2917
75 .....NP
12 Residence

GROVE RD WALTHAM
From 1196 Trapelo Rd To 11 Plant Road Near Hardy Pond
02154
1- 99 TZ3681 $B..
022000
18 Beverly A McGlynn 82 893-4602
21 M Berard 80 899-4721
22 Joseph E MacDonald 893-7622
23 Joseph Buonomo Jr 80 899-3378
27 Lena A Antonellis 64 894-8737
30 31 .....NP
44 Richard P Casey 64 894-6891
8 Residence

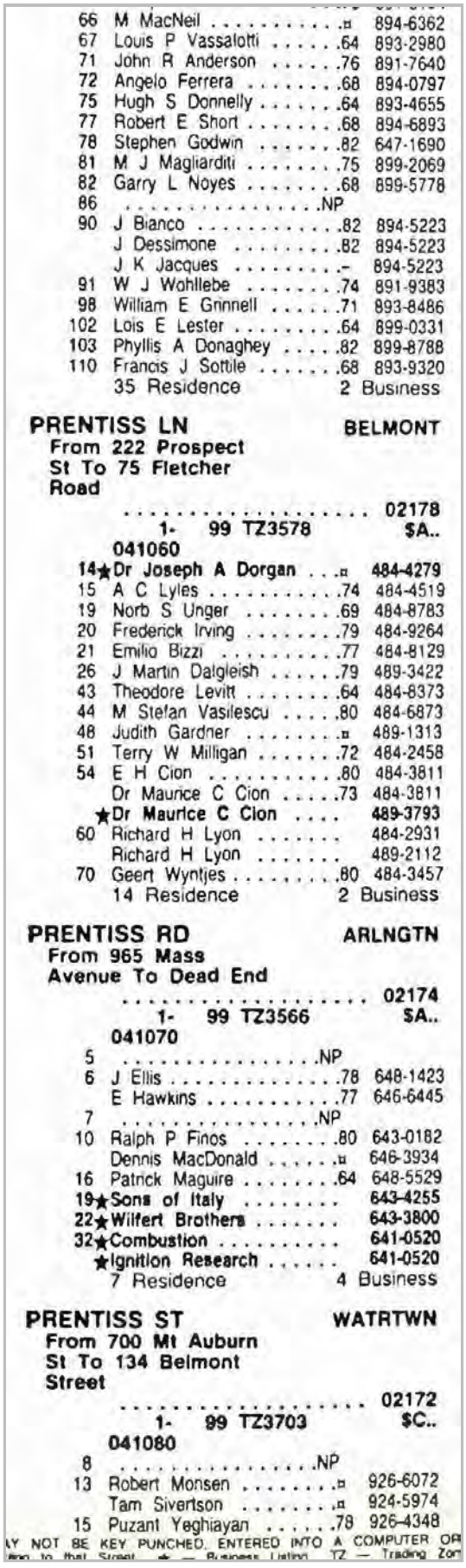
GROVE ST ARLNGTN
From 931 Mass Avenue To 190 Summer Street
02174
1- 98 TZ3566 $A..
1- 99 TZ3567 $A..
022010
5 R Mark Cofram 82 648-2517
7 John D Rousakis 64 648-3328
9★Grove Plumbing 648-1024
★Menotomy Craftsmen ... 648-1210
Raymond Power 77 646-4981
B Kenneth J Doyle Jr 82 648-4426
10 C L Myatt 69 643-7610
11 Frank R Brown 64 648-4870
12 Nancy Bates .....R 643-3253
M Resz 82 641-0298
14 Angela Bongovio .....R 646-6401
May E Cormey 77 648-0710
Henry Haddad 82 643-7779
Glenna Kelly 72 646-0286
Alan R Levine .....R 646-0386
James J Murphy 80 648-3636
M J Seaver 73 648-4645
★L Strickland Pntng 648-4814
Mary Sullivan 81 646-3926
Cary A Veith .....R 646-2647
J E Young 76 646-7899
A Shaosun Chien 81 641-0507
A Robert Hopwood .....R 646-0445
A D M Loveridge .....R 643-7462
A R M Mortensen .....R 646-6396
A Edward N Nobis 74 646-7174
A Catherine Sanborn 78 646-2761
A Anthony J Staunton .....- 643-9471
A Charles L Taylor 81 643-1438
A Richard B Weston 76 646-2632
A Sumio Yasuda .....R 643-5538
15A Robert E Chagnon 77 643-0909
B Bruce Russell 80 646-1363
16 Ernest N Lombard 81 648-4510
17 E D Coghlan 82 643-2012
Michael Rew 82 648-9095
Diane Rivard .....R 646-8250
J Thomas Sopko .....- 643-7054
Paul Sweeney .....R 646-7571
Ray Whetstone .....R 643-7054
18 T Tsuchiya 80 643-8376
F C Whitney 78 646-8415
A G Carlson 82 643-5532
A L Cohen 76 646-5525
A B Eriksen 81 646-7814
A Leonard H Galitz 73 646-7006
A Takao Hayakawa .....R 643-1481
A A Kekejian .....R 643-7311
A Peter Kuhl 82 643-2767
A William Lawn .....R 648-0116
A Reibun Naton 81 641-0761
A William C Rogers 80 641-0351
18A Ketut Sanjaya .....R 646-1956
A A D Thomas .....R 646-7106
A Richard J Waldron 80 648-3837
A E M Whitney .....R 646-2228
19 N E Briggs 77 646-0646
E R Burr .....R 643-5387
Jeffrey Gorton .....R 646-7186
C L Hughs 75 648-6668
K M O'Neill 66 643-1352
20★Amway Home Prodcts ... 648-8600
★Grove Associates 648-8600
★Grove Pk Rlty Trst 648-8600
★LD Carpet Cleaning 648-8600
Roger Sample .....R 643-9818
21 Robert J Deshler 82 643-9370
S P Lord 69 646-3518
E P Metivier 69 646-3518
A Perry 82 648-4827
B Rogaris .....R 646-6353
R Rubin .....R 646-8284
24 Sung-Koo Byun 82 648-1920
P Cleval 82 643-2560
Vinaykumar Ingle 82 643-8986
K A Kezenian 80 648-0637
Herbert Melly 81 646-4033
R E Nicoll 82 648-3145
Wayne I Pollack 81 646-1315
M Reardon 79 646-6570
N Roberts .....- 646-7647
L Vakarelivski .....R 648-3477
Arthur E Westcott .....- 641-1786
Ethel A Wilson 75 646-1096
25 Frank H Hingley 81 643-7429
26 Alexander Berca 82 643-6582
G F Carrigan .....R 648-1751
M A Colbert 78 646-5929
N Finlay .....R 646-0867
T Gonzalez 82 646-7718
Craig Kauffman .....- 648-0535
William F Kennedy 72 646-3942
H Kirchgassner 77 646-1172
Arthur J Massara 73 646-8128
Mrs Mary A Miller 79 643-4626
T M O'Brien 82 646-4302
Kathryn D Ryan .....- 646-4804
DUDLEY ST
44 Ralph Faiola 54 648-9359
54 M Vanmoortel 77 646-6109
A William O'Reilly 74 646-0990
B B P Skinner 77 646-0884
67 Paula Killoyle .....R 641-1521
Edward J Malone 77 648-8723
S A Mann 76 646-5250
Margaret OHara .....R 648-1071
Joseph Sampson 80 646-2538
Nancy R Thorpe 77 646-6134
68 Mrs Mary Kerr 82 643-4157
69 G Candelario 82 646-6490
W J Cochran 79 646-0865
Ellis E Crossman 64 646-2897
Vance Dodson 80 643-0186
P Doyle 81 646-5532
A G Harvey 76 646-0801
M J McCarthy 81 643-1472
Daniel W Reddy 73 646-7941
B Ross 79 541-0654
Mrs Louis V Ross 71 648-4275
L Simm .....- 646-5532
70 Ronald D Talro 73 646-5042
A B Salanger .....R 646-4631
A J Stubbs .....R 646-4631
71 George P Degeorge 79 641-0451
E C Figueiredo .....R 646-2251
John Ligor 82 648-5262
M H McGrath 74 643-5334
Carl G Mellgren 77 646-8940
K Park 81 646-3961
P Paul 78 648-5887
B A Perry 80 646-2679
M Shorrock 82 646-4564
K L Singley 81 646-3961
M H Tyrrell 81 646-7804
Daniel Warren .....R 641-1594
75 K Conners 82 641-0150
John Lynch 80 646-8990
129 Residence 7 Business

GROVE ST ABRNDLE
Begins 252 Auburn St To 2317 Washington St
02166
1- 699 TZ3748 $A..
022020
6 Harold B Fairbanks 64 527-0215
Harold J Fairbanks 244-6248
C Mark Lauer 81 964-0563
12 J S Sullivan 74 965-2696
14 John A Duane 64 332-0507
CENTRAL ST
16 .....NP
18 Richard Nickerson 80 527-7183
27B .....NP
29 Robert Tuckett .....- 965-5208
35 Joseph J McGovern 81 244-1335
36 Bruce M Leslie 81 965-1783
39 Verge H Tellelbaum 82 965-0458
Charles G Verge 82 965-0458
CENTRAL TER
42 LCol A C Hill 64 527-3410
49 Craig Backman .....R 244-2183
John R Egan .....- 244-3792
Rev David S Heald .....R 527-6551
S A Lund .....R 244-3887
Lauren McNiff .....- 244-3732
C M ONeil .....R 244-8292
Julie Owski 81 965-4958
P W Smith .....R 244-3887
N Wheeler .....R 527-5417
50 John G Turpin .....R 527-2196
Michael Turpin .....R 527-2196
52 David Glosser 81 244-5270
59 Robert B Swett Jr 80 965-4179
60 Norma A Carnes 78 527-4858
65 Robert J Levin 76 237-0072
M Ryan 81 969-2652
66 John Loan Jr 79 964-1575
73 Thomas E Vogel 72 969-1421
74 Kentaro Tsutsumi 54 332-7115
81 K Edmonston 79 332-2260
84★Daley Construction 527-4422
Joseph D Daley 64 332-8767
B C L McShane .....R 244-4361
86 Gary Daley 79 964-2274

IR PHOTOGRAPHED IN ANY MANNER WHATSOEVER EXCEPT AS AUTHORIZED IN WRITING BY THE PUBLISHER
one 73,74,75,ETC. — Year First Listed 1973,74,75 etc. $ASB,ETC — Census Tract Wealth Rating CL10 — Map Location

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

PRENTISS RD 1984



66 M MacNeil . . . . . .¤ 894-6362
67 Louis P Vassalotti 64 893-2980
71 John R Anderson 76 891-7640
72 Angelo Ferrera 68 894-0797
75 Hugh S Donnelly 64 893-4655
77 Robert E Short 68 894-6893
78 Stephen Godwin 82 647-1690
81 M J Magliarditi 75 899-2069
82 Garry L Noyes 68 899-5778
86 . . . . . .NP
90 J Bianco 82 894-5223
J Dessimone 82 894-5223
J K Jacques . . . . . .- 894-5223
91 W J Wohllebe 74 891-9383
98 William E Grinnell 71 893-8486
102 Lois E Lester 64 899-0331
103 Phyllis A Donaghey 82 899-8788
110 Francis J Sottile 68 893-9320
35 Residence 2 Business

PRENTISS LN **BELMONT**
From 222 Prospect St To 75 Fletcher Road
. . . . . **02178**
1- 99 TZ3578 **$A..**
041060
14★Dr Joseph A Dorgan . . .¤ 484-4279
15 A C Lyles 74 484-4519
19 Norb S Unger 69 484-8783
20 Frederick Irving 79 484-9264
21 Emilio Bizzi 77 484-8129
26 J Martin Dalgleish 79 489-3422
43 Theodore Levitt 64 484-8373
44 M Stefan Vasilescu 80 484-6873
48 Judith Gardner . . . . . .¤ 489-1313
51 Terry W Milligan 72 484-2458
54 E H Cion 80 484-3811
Dr Maurice C Cion 73 484-3811
★Dr Maurice C Cion 489-3793
60 Richard H Lyon 484-2931
Richard H Lyon 489-2112
70 Geert Wyntjes 80 484-3457
14 Residence 2 Business

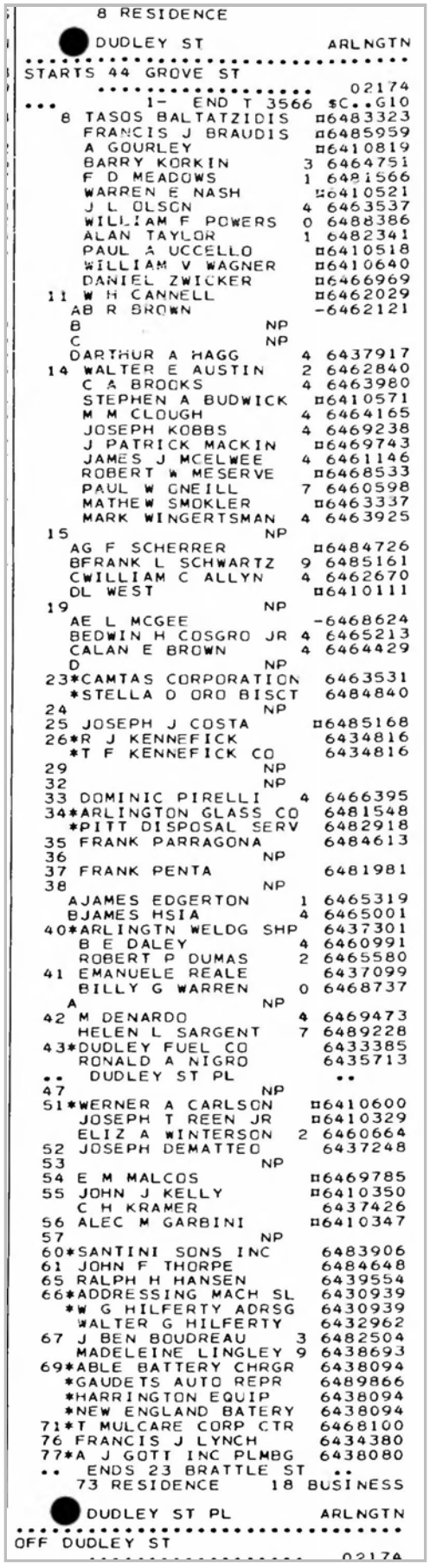
PRENTISS RD **ARLNGTN**
From 965 Mass Avenue To Dead End
. . . . . **02174**
1- 99 TZ3566 **$A..**
041070
5 . . . . . .NP
6 J Ellis 78 648-1423
E Hawkins 77 646-6445
7 . . . . . .NP
10 Ralph P Finos 80 643-0182
Dennis MacDonald . . . . . .¤ 646-3934
16 Patrick Maguire 64 648-5529
19★Sons of Italy 643-4255
22★Wilfert Brothers 643-3800
32★Combustion 641-0520
★Ignition Research 641-0520
7 Residence 4 Business

PRENTISS ST **WATRTWN**
From 700 Mt Auburn St To 134 Belmont Street
. . . . . **02172**
1- 99 TZ3703 **$C..**
041080
8 . . . . . .NP
13 Robert Monsen . . . . . .¤ 926-6072
Tam Sivertson . . . . . .¤ 924-5974
15 Puzant Yeghiayan 78 926-4348

AY NOT BE KEY PUNCHED, ENTERED INTO A COMPUTER OR
ren to that Street ★ — Business Listing TZ — Trading Zon

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

DUDLEY ST 1975



8 RESIDENCE

DUDLEY ST ARLNGTN

STARTS 44 GROVE ST

02174

1- END T 3566 $C..G10

8 TASOS BALTATZIDIS ¤6483323
FRANCIS J BRAUDIS ¤6485959
A GOURLEY ¤6410819
BARRY KORKIN 3 6464751
F D MEADOWS 1 6481566
WARREN E NASH ¤6410521
J L OLSON 4 6463537
WILLIAM F POWERS 0 6488386
ALAN TAYLOR 1 6482341
PAUL A UCCELLO ¤6410518
WILLIAM V WAGNER ¤6410640
DANIEL ZWICKER ¤6466969
11 W H CANNELL ¤6462029
AB R BROWN -6462121
B NP
C NP
DARTHUR A HAGG 4 6437917
14 WALTER E AUSTIN 2 6462840
C A BROOKS 4 6463980
STEPHEN A BUDWICK ¤6410571
M M CLOUGH 4 6464165
JOSEPH KOBBS 4 6469238
J PATRICK MACKIN ¤6469743
JAMES J MCELWEE 4 6461146
ROBERT W MESERVE ¤6468533
PAUL W ONEILL 7 6460598
MATHEW SMOKLER ¤6463337
MARK WINGERTSMAN 4 6463925
15 NP
AG F SCHERRER ¤6484726
BFRANK L SCHWARTZ 9 6485161
CWILLIAM C ALLYN 4 6462670
DL WEST ¤6410111
19 NP
AE L MCGEE -6468624
BEDWIN H COSGRO JR 4 6465213
CALAN E BROWN 4 6464429
D NP
23*CAMTAS CORPORATION 6463531
*STELLA D ORO BISCT 6484840
24 NP
25 JOSEPH J COSTA ¤6485168
26*R J KENNEFICK 6434816
*T F KENNEFICK CO 6434816
29 NP
32 NP
33 DOMINIC PIRELLI 4 6466395
34*ARLINGTON GLASS CO 6481548
*PITT DISPOSAL SERV 6482918
35 FRANK PARRAGONA 6484613
36 NP
37 FRANK PENTA 6481981
38 NP
AJAMES EDGERTON 1 6465319
BJAMES HSIA 4 6465001
40*ARLINGTN WELDG SHP 6437301
B E DALEY 4 6460991
ROBERT P DUMAS 2 6465580
41 EMANUELE REALE 6437099
BILLY G WARREN 0 6468737
A NP
42 M DENARDO 4 6469473
HELEN L SARGENT 7 6489228
43*DUDLEY FUEL CO 6433385
RONALD A NIGRO 6435713
•• DUDLEY ST PL ••
47 NP
51*WERNER A CARLSON ¤6410600
JOSEPH T REEN JR ¤6410329
ELIZ A WINTERSON 2 6460664
52 JOSEPH DEMATTEO 6437248
53 NP
54 E M MALCOS ¤6469785
55 JOHN J KELLY ¤6410350
C H KRAMER 6437426
56 ALEC M GARBINI ¤6410347
57 NP
60*SANTINI SONS INC 6483906
61 JOHN F THORPE 6484648
65 RALPH H HANSEN 6439554
66*ADDRESSING MACH SL 6430939
*W G HILFERTY ADRSG 6430939
WALTER G HILFERTY 6432962
67 J BEN BOUDREAU 3 6482504
MADELEINE LINGLEY 9 6438693
69*ABLE BATTERY CHRGR 6438094
*GAUDETS AUTO REPR 6489866
*HARRINGTON EQUIP 6438094
*NEW ENGLAND BATERY 6438094
71*T MULCARE CORP CTR 6468100
76 FRANCIS J LYNCH 6434380
77*A J GOTT INC PLMBG 6438080
•• ENDS 23 BRATTLE ST ••
73 RESIDENCE 18 BUSINESS

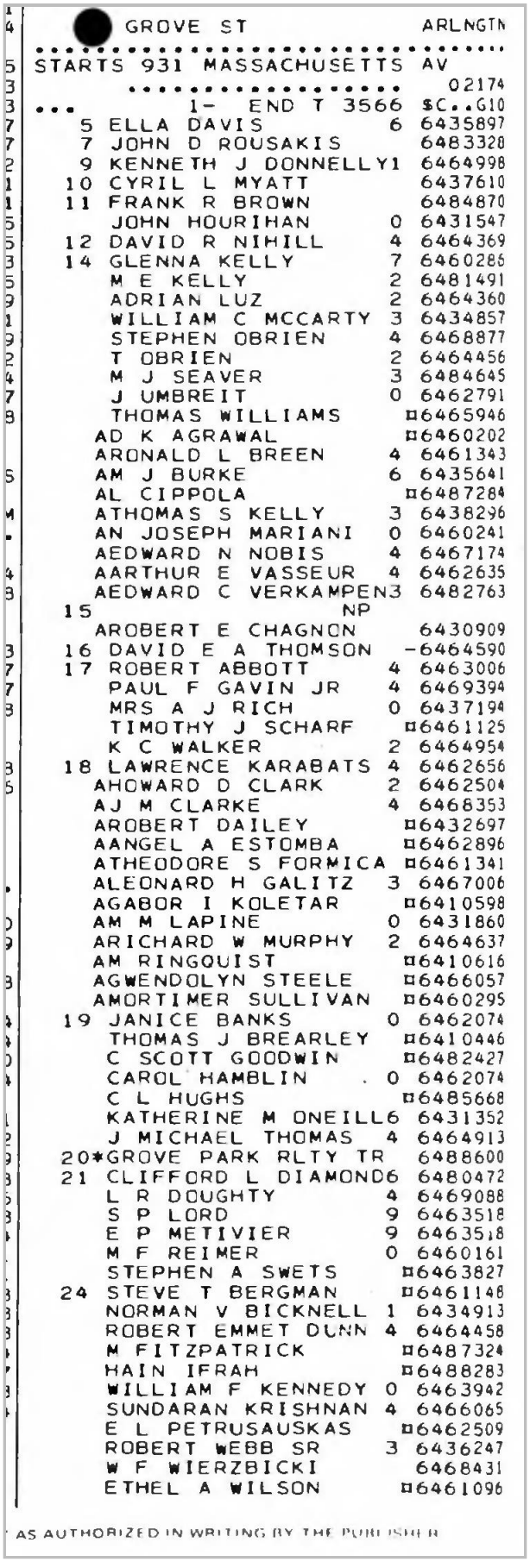
DUDLEY ST PL ARLNGTN

OFF DUDLEY ST

02174

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

GROVE ST 1975



GROVE ST ARLNGTN

STARTS 931 MASSACHUSETTS AV

02174

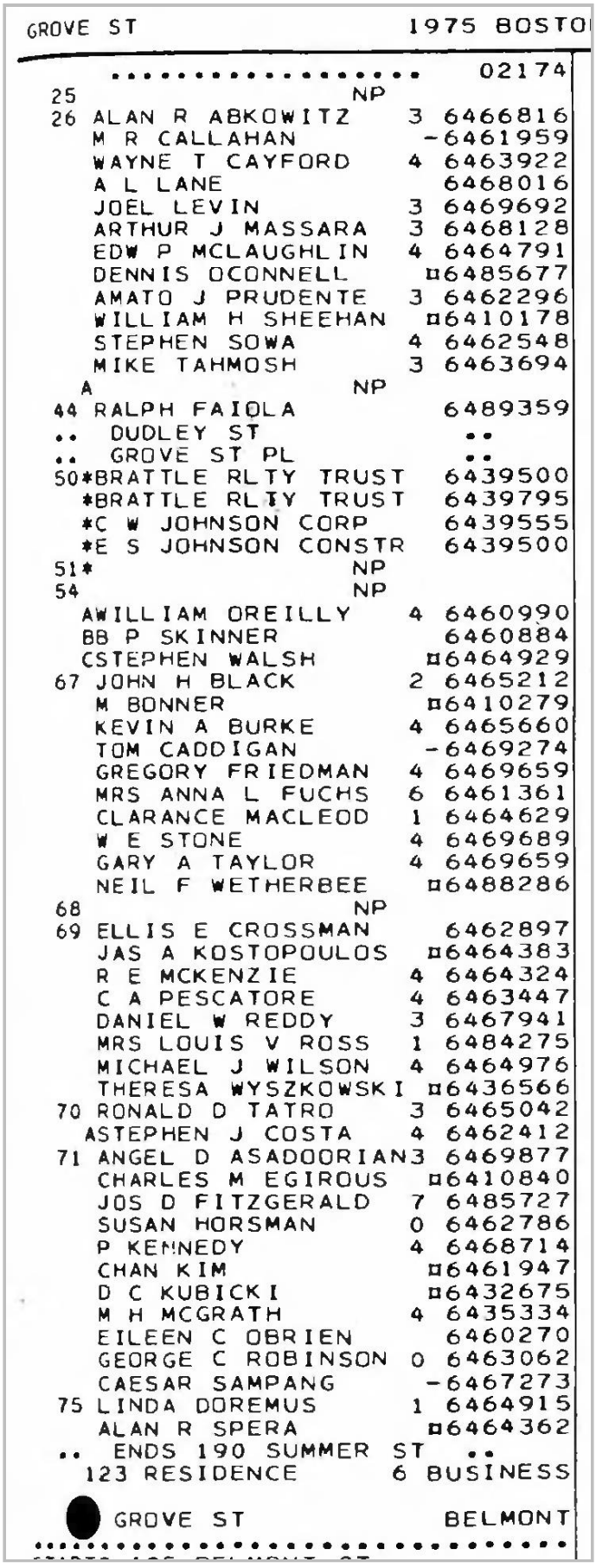
1- END T 3566 $C..G10

5 ELLA DAVIS 6 6435897
7 JOHN D ROUSAKIS 6483320
9 KENNETH J DONNELLY1 6464998
10 CYRIL L MYATT 6437610
11 FRANK R BROWN 6484870
JOHN HOURIHAN 0 6431547
12 DAVID R NIHILL 4 6464369
14 GLENNA KELLY 7 6460286
M E KELLY 2 6481491
ADRIAN LUZ 2 6464360
WILLIAM C MCCARTY 3 6434857
STEPHEN OBRIEN 4 6468877
T OBRIEN 2 6464456
M J SEAVER 3 6484645
J UMBREIT 0 6462791
THOMAS WILLIAMS ¤6465946
AD K AGRAWAL ¤6460202
ARONALD L BREEN 4 6461343
AM J BURKE 6 6435641
AL CIPPOLA ¤6487284
ATHOMAS S KELLY 3 6438296
AN JOSEPH MARIANI 0 6460241
AEDWARD N NOBIS 4 6467174
AARTHUR E VASSEUR 4 6462635
AEDWARD C VERKAMPEN3 6482763
15 NP
AROBERT E CHAGNON 6430909
16 DAVID E A THOMSON -6464590
17 ROBERT ABBOTT 4 6463006
PAUL F GAVIN JR 4 6469394
MRS A J RICH 0 6437194
TIMOTHY J SCHARF ¤6461125
K C WALKER 2 6464954
18 LAWRENCE KARABATS 4 6462656
AHOWARD D CLARK 2 6462504
AJ M CLARKE 4 6468353
AROBERT DAILEY ¤6432697
AANGEL A ESTOMBA ¤6462896
ATHEODORE S FORMICA ¤6461341
ALEONARD H GALITZ 3 6467006
AGABOR I KOLETAR ¤6410598
AM M LAPINE 0 6431860
ARICHARD W MURPHY 2 6464637
AM RINGQUIST ¤6410616
AGWENDOLYN STEELE ¤6466057
AMORTIMER SULLIVAN ¤6460295
19 JANICE BANKS 0 6462074
THOMAS J BREARLEY ¤6410446
C SCOTT GOODWIN ¤6482427
CAROL HAMBLIN 0 6462074
C L HUGHS ¤6485668
KATHERINE M ONEILL6 6431352
J MICHAEL THOMAS 4 6464913
20*GROVE PARK RLTY TR 6488600
21 CLIFFORD L DIAMOND6 6480472
L R DOUGHTY 4 6469088
S P LORD 9 6463518
E P METIVIER 9 6463518
M F REIMER 0 6460161
STEPHEN A SWETS ¤6463827
24 STEVE T BERGMAN ¤6461148
NORMAN V BICKNELL 1 6434913
ROBERT EMMET DUNN 4 6464458
M FITZPATRICK ¤6487324
HAIN IFRAH ¤6488283
WILLIAM F KENNEDY 0 6463942
SUNDARAN KRISHNAN 4 6466065
E L PETRUSAUSKAS ¤6462509
ROBERT WEBB SR 3 6436247
W F WIERZBICKI 6468431
ETHEL A WILSON ¤6461096

AS AUTHORIZED IN WRITING BY THE PUBLISHER

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

GROVE ST 1975



GROVE ST 1975 BOSTO

..... 02174

25 NP
26 ALAN R ABKOWITZ 3 6466816
M R CALLAHAN -6461959
WAYNE T CAYFORD 4 6463922
A L LANE 6468016
JOEL LEVIN 3 6469692
ARTHUR J MASSARA 3 6468128
EDW P MCLAUGHLIN 4 6464791
DENNIS OCONNELL ¤6485677
AMATO J PRUDENTE 3 6462296
WILLIAM H SHEEHAN ¤6410178
STEPHEN SOWA 4 6462548
MIKE TAHMOSH 3 6463694
A NP
44 RALPH FAIOLA 6489359
.. DUDLEY ST ..
.. GROVE ST PL ..
50*BRATTLE RLTY TRUST 6439500
*BRATTLE RLTY TRUST 6439795
*C W JOHNSON CORP 6439555
*E S JOHNSON CONSTR 6439500
51* NP
54 NP
AWILLIAM OREILLY 4 6460990
BB P SKINNER 6460884
CSTEPHEN WALSH ¤6464929
67 JOHN H BLACK 2 6465212
M BONNER ¤6410279
KEVIN A BURKE 4 6465660
TOM CADDIGAN -6469274
GREGORY FRIEDMAN 4 6469659
MRS ANNA L FUCHS 6 6461361
CLARANCE MACLEOD 1 6464629
W E STONE 4 6469689
GARY A TAYLOR 4 6469659
NEIL F WETHERBEE ¤6488286
68 NP
69 ELLIS E CROSSMAN 6462897
JAS A KOSTOPOULOS ¤6464383
R E MCKENZIE 4 6464324
C A PESCATORE 4 6463447
DANIEL W REDDY 3 6467941
MRS LOUIS V ROSS 1 6484275
MICHAEL J WILSON 4 6464976
THERESA WYSZKOWSKI ¤6436566
70 RONALD D TATRO 3 6465042
ASTEPHEN J COSTA 4 6462412
71 ANGEL D ASADOORIAN 3 6469877
CHARLES M EGIROUS ¤6410840
JOS D FITZGERALD 7 6485727
SUSAN HORSMAN 0 6462786
P KENNEDY 4 6468714
CHAN KIM ¤6461947
D C KUBICKI ¤6432675
M H MCGRATH 4 6435334
EILEEN C OBRIEN 6460270
GEORGE C ROBINSON 0 6463062
CAESAR SAMPANG -6467273
75 LINDA DOREMUS 1 6464915
ALAN R SPERA ¤6464362
.. ENDS 190 SUMMER ST ..
123 RESIDENCE 6 BUSINESS

GROVE ST BELMONT

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

PRENTISS RD 1975

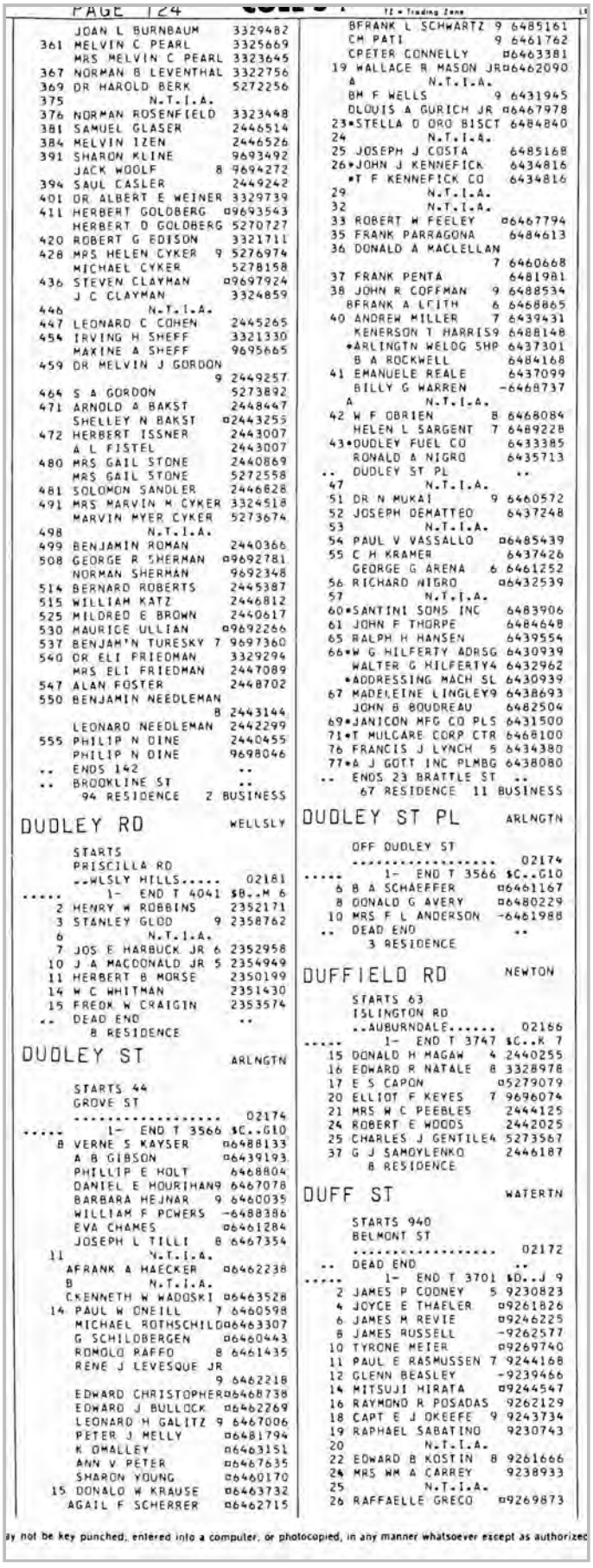
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 48 HOWARD E GARDNER      4  4891515
 51 TERRY W MILLIGAN      2  4842458
 54 DR MAURICE C CION     3  4843811
 60 RICHARD H LYON        0  4892112
 70 JERRY J WYNTJES       2  4843457
 ..  ENDS 89                  ..
 ..  FLETCHER RD              ..
    14 RESIDENCE          3 BUSINESS

    PRENTISS RD              ARLNGTN
.....................................
     ..................          02174
...       1-  END T 3566  $C..G10
  5 J T BRINCKLOW          0 6468753
  7 MRS J STACCHI            6438095
 10                     NP
 16 PATRICK MAGUIRE          6485529
 19*SONS OF ITALY LODG       6434255
 22*WILFERT BROS WDWKG       6433800
 32*MISTER SNACK FOOD        6434322
 ..  DEAD END                 ..
     4 RESIDENCE           3 BUSINESS

    PRENTISS ST              WATERTN
.....................................
STARTS 700 MT AUBURN ST
     ..................          02172
...       1-  END T 3703  $E..J11
 15 JAS P METROPOULOS        9243047
    CHARLES E MOSS         3 9264109
    SANFORD L PARKS        3 9246926
 16 THOMAS J HANNON          9245237
 17                     NP
 18 PETER M ALBERICO         9243681
 19 RENZO CONTINI         0  9265584
    JOHN MOUNDJIAN        4  9262219
 21 LEWIS DEFELICE          -9265674
    ALBERT VALENTINO         9231571
 22 ROBERT BREUGELMAN     0  9260387
 23 IRENE K VALENTINO        9260130
 25                     NP
 27 FREDK A ZARTARIAN        9243515
 28 RALPH A PERRI         0  9238869
 30 ROBERT E GRIFFITH     1  9231348
 31 S J YERARDI JR           9240689
 33 WARREN CORMIER           □9244290
 35 CHAS H HARTSHORN         9240791
 37 RALPH A TAMBURRO         9246829
 39 GEORGE MIRANDA        0  9269767
 40 MARY L BLAIS             9230627
    JOSEPH A FERRARI         9245805
 45 FRANK M TARTARO          9246839
```

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

DUDLEY ST 1970



PAGE 124

JOAN L BURNBAUM 3329482
361 MELVIN C PEARL 3325669
MRS MELVIN C PEARL 3323645
367 NORMAN B LEVENTHAL 3322756
369 DR HAROLD BERK 5272256
375 N.T.I.A.
376 NORMAN ROSENFIELD 3323448
381 SAMUEL GLASER 2446514
384 MELVIN IZEN 2446526
391 SHARON KLINE 9693492
JACK WOOLF 8 9694272
394 SAUL CASLER 2449242
401 DR ALBERT E WEINER 3329739
411 HERBERT GOLDBERG ▫9693543
HERBERT D GOLDBERG 5270727
420 ROBERT G EDISON 3321711
428 MRS HELEN CYKER 9 5276974
MICHAEL CYKER 5278158
436 STEVEN CLAYMAN ▫9697924
J C CLAYMAN 3324859
446 N.T.I.A.
447 LEONARD C COHEN 2445265
454 IRVING H SHEFF 3321330
MAXINE A SHEFF 9695665
459 DR MELVIN J GORDON
9 2449257
464 S A GORDON 5273892
471 ARNOLD A BAKST 2448447
SHELLEY N BAKST ▫2443255
472 HERBERT ISSNER 2443007
A L FISTEL 2443007
480 MRS GAIL STONE 2440869
MRS GAIL STONE 5272558
481 SOLOMON SANDLER 2446828
491 MRS MARVIN M CYKER 3324518
MARVIN MYER CYKER 5273674
498 N.T.I.A.
499 BENJAMIN ROMAN 2440366
508 GEORGE R SHERMAN ▫9692781
NORMAN SHERMAN 9692348
514 BERNARD ROBERTS 2445387
515 WILLIAM KATZ 2446812
525 MILDRED E BROWN 2440617
530 MAURICE ULLIAN ▫9692266
537 BENJAMIN TURESKY 7 9697360
540 DR ELI FRIEDMAN 3329294
MRS ELI FRIEDMAN 2447089
547 ALAN FOSTER 2448702
550 BENJAMIN NEEDLEMAN
8 2443144
LEONARD NEEDLEMAN 2442299
555 PHILIP N DINE 2440455
PHILIP N DINE 9698046
.. ENDS 142 ..
.. BROOKLINE ST ..
94 RESIDENCE 2 BUSINESS

DUDLEY RD WELLSLY

STARTS
PRISCILLA RD
--WLSLY HILLS..... 02181
..... 1- END T 4041 $B..M 6
2 HENRY W ROBBINS 2352171
3 STANLEY GLOD 9 2358762
6 N.T.I.A.
7 JOS E HARBUCK JR 6 2352958
10 J A MACDONALD JR 5 2354949
11 HERBERT B MORSE 2350199
14 W C WHITMAN 2351430
15 FREDK W CRAIGIN 2353574
.. DEAD END ..
8 RESIDENCE

DUDLEY ST ARLNGTN

STARTS 44
GROVE ST
..... 02174
..... 1- END T 3566 $C..G10
8 VERNE S KAYSER ▫6488133
A B GIBSON ▫6439193
PHILLIP E HOLT 6468804
DANIEL E HOURIHAN9 6467078
BARBARA HEJNAR 9 6460035
WILLIAM F POWERS -6488386
EVA CHAMES ▫6461284
JOSEPH L TILLI 8 6467354
11 N.T.I.A.
AFRANK A HAECKER ▫6462238
B N.T.I.A.
CKENNETH W WADOSKI ▫6463528
14 PAUL W ONEILL 7 6460598
MICHAEL ROTHSCHILD▫6463307
G SCHILDBERGEN ▫6460443
ROMOLO RAFFO 8 6461435
RENE J LEVESQUE JR
9 6462218
EDWARD CHRISTOPHER▫6468738
EDWARD J BULLOCK ▫6462769
LEONARD H GALITZ 9 6467006
PETER J MELLY ▫6481794
K OMALLEY ▫6463151
ANN V PETER ▫6467635
SHARON YOUNG ▫6460170
15 DONALD W KRAUSE ▫6463732
AGAIL F SCHERRER ▫6462715
BFRANK L SCHWARTZ 9 6485161
CM PATI 9 6461762
CPETER CONNELLY ▫6463381
19 WALLACE R MASON JR▫6462090
A N.T.I.A.
BM F WELLS 9 6431945
DLOUIS A GURICH JR ▫6467978
23•STELLA D ORO BISCT 6484840
24 N.T.I.A.
25 JOSEPH J COSTA 6485168
26•JOHN J KENNEFICK 6434816
•T F KENNEFICK CO 6434816
29 N.T.I.A.
32 N.T.I.A.
33 ROBERT W FEELEY ▫6467794
35 FRANK PARRAGONA 6484613
36 DONALD A MACLELLAN
7 6460668
37 FRANK PENTA 6481981
38 JOHN R COFFMAN 9 6488534
BFRANK A LEITH 6 6468865
40 ANDREW MILLER 7 6439431
KENERSON T HARRIS9 6488148
•ARLINGTN WELDG SHP 6437301
B A ROCKWELL 6484168
41 EMANUELE REALE 6437099
BILLY G WARREN -6468737
A N.T.I.A.
42 W F OBRIEN 8 6468084
HELEN L SARGENT 7 6489228
43•DUDLEY FUEL CO 6433385
RONALD A NIGRO 6435713
.. DUDLEY ST PL ..
47 N.T.I.A.
51 DR N MUKAI 9 6460572
52 JOSEPH DEMATTEO 6437248
53 N.T.I.A.
54 PAUL V VASSALLO ▫6485439
55 C H KRAMER 6437426
GEORGE G ARENA 6 6461252
56 RICHARD NIGRO ▫6432539
57 N.T.I.A.
60•SANTINI SONS INC 6483906
61 JOHN F THORPE 6484648
65 RALPH H HANSEN 6439554
66•W G HILFERTY ADRSG 6430939
WALTER G HILFERTY4 6432962
•ADDRESSING MACH SL 6430939
67 MADELEINE LINGLEY9 6438693
JOHN B BOUDREAU 6482504
69•JANICON MFG CO PLS 6431500
71•T MULCARE CORP CTR 6468100
76 FRANCIS J LYNCH 5 6434380
77•A J GOTT INC PLMBG 6438080
.. ENDS 23 BRATTLE ST ..
67 RESIDENCE 11 BUSINESS

DUDLEY ST PL ARLNGTN

OFF DUDLEY ST
..... 02174
..... 1- END T 3566 $C..G10
6 B A SCHAEFFER ▫6461167
8 DONALD G AVERY ▫6480229
10 MRS F L ANDERSON -6461988
.. DEAD END ..
3 RESIDENCE

DUFFIELD RD NEWTON

STARTS 63
ISLINGTON RD
--AUBURNDALE..... 02166
..... 1- END T 3747 $C..K 7
15 DONALD H MAGAW 4 2440255
16 EDWARD R NATALE 8 3328978
17 E S CAPON ▫5279079
20 ELLIOT F KEYES 7 9696074
21 MRS W C PEEBLES 2444125
24 ROBERT E WOODS 2442025
25 CHARLES J GENTILE4 5273567
37 G J SAMOYLENKO 2446187
8 RESIDENCE

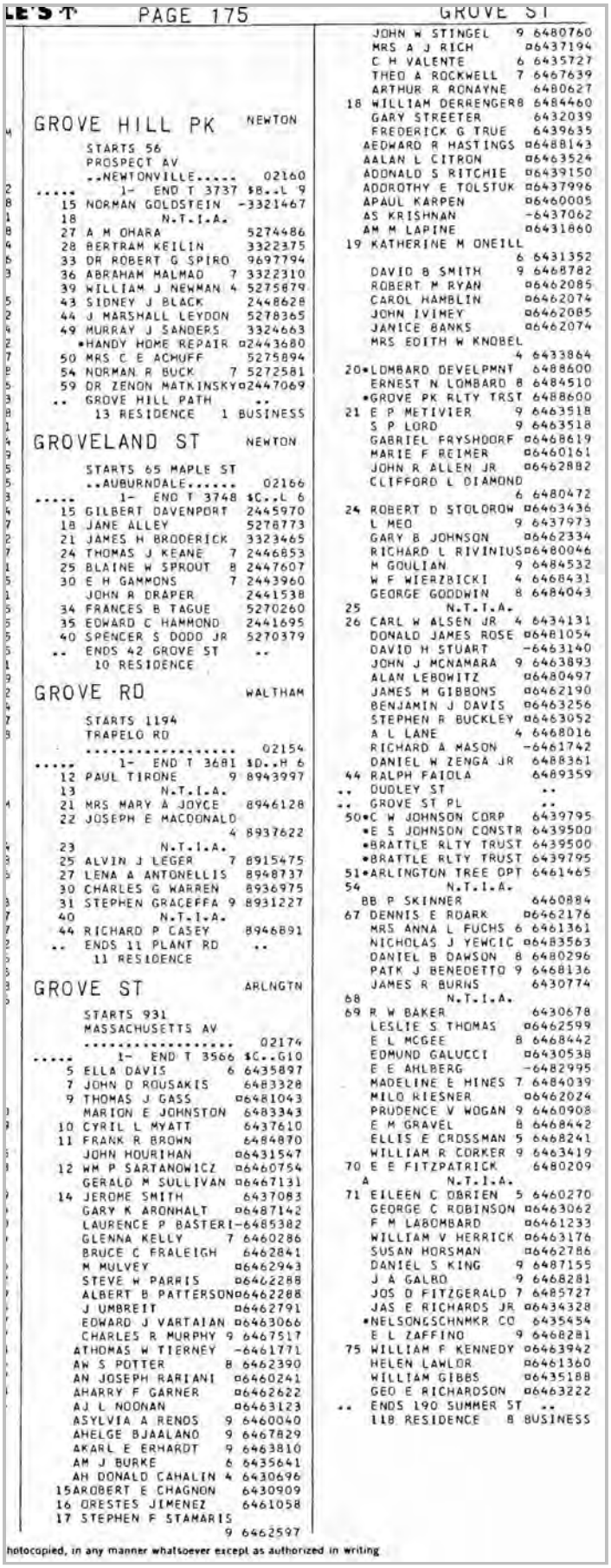
DUFF ST WATERTN

STARTS 940
BELMONT ST
..... 02172
.. DEAD END ..
..... 1- END T 3701 $D..J 9
2 JAMES P CODNEY 5 9230823
4 JOYCE E THAELER ▫9261826
6 JAMES M REVIE ▫9246225
8 JAMES RUSSELL -9262577
10 TYRONE MEIER ▫9269740
11 PAUL E RASMUSSEN 7 9244168
12 GLENN BEASLEY -9239466
14 MITSUJI HIRATA ▫9244547
16 RAYMOND R POSADAS 9262129
18 CAPT E J OKEEFE 9 9243734
19 RAPHAEL SABATINO 9230743
20 N.T.I.A.
22 EDWARD B KOSTIN 8 9261666
24 MRS WM A CARREY 9238933
25 N.T.I.A.
26 RAFFAELLE GRECO ▫9269873

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Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

GROVE ST 1970



LEST PAGE 175 GROVE ST

GROVE HILL PK NEWTON

STARTS 56
PROSPECT AV
--NEWTONVILLE..... 02160
..... 1- END T 3737 $B..L 9
15 NORMAN GOLDSTEIN -3321467
18 N.T.I.A.
27 A M OHARA 5274486
28 BERTRAM KEILIN 3322375
33 DR ROBERT G SPIRO 9697794
36 ABRAHAM MALMAD 7 3322310
39 WILLIAM J NEWMAN 4 5275879
43 SIDNEY J BLACK 2448628
44 J MARSHALL LEYDON 5278365
49 MURRAY J SANDERS 3324663
•HANDY HOME REPAIR ▫2443680
50 MRS C E ACHUFF 5275894
54 NORMAN R BUCK 7 5272581
59 DR ZENON MATKINSKY▫2447069
.. GROVE HILL PATH ..
13 RESIDENCE 1 BUSINESS

GROVELAND ST NEWTON

STARTS 65 MAPLE ST
--AUBURNDALE..... 02166
..... 1- END T 3748 $C..L 6
15 GILBERT DAVENPORT 2445970
18 JANE ALLEY 5278773
21 JAMES H BRODERICK 3323465
24 THOMAS J KEANE 7 2446853
25 BLAINE W SPROUT 8 2447607
30 E H GAMMONS 7 2443960
JOHN R DRAPER 2441538
34 FRANCES B TAGUE 5270260
35 EDWARD C HAMMOND 2441695
40 SPENCER S DODD JR 5270379
.. ENDS 42 GROVE ST ..
10 RESIDENCE

GROVE RD WALTHAM

STARTS 1194
TRAPELO RD
..... 02154
..... 1- END T 3681 $D..H 6
12 PAUL TIRONE 9 8943997
13 N.T.I.A.
21 MRS MARY A JOYCE 8946128
22 JOSEPH E MACDONALD 4 8937622
23 N.T.I.A.
25 ALVIN J LEGER 7 8915475
27 LENA A ANTONELLIS 8948737
30 CHARLES G WARREN 8936975
31 STEPHEN GRACEFFA 9 8931227
40 N.T.I.A.
44 RICHARD P CASEY 8946891
.. ENDS 11 PLANT RD ..
11 RESIDENCE

GROVE ST ARLNGTN

STARTS 931
MASSACHUSETTS AV
..... 02174
..... 1- END T 3566 $C..G10
5 ELLA DAVIS 6 6435897
7 JOHN D ROUSAKIS 6483328
9 THOMAS J GASS ▫6481043
MARION E JOHNSTON 6483343
10 CYRIL L MYATT 6437610
11 FRANK R BROWN 6484870
JOHN HOURIHAN ▫6431547
12 WM P SARTANOWICZ ▫6460754
GERALD M SULLIVAN ▫6467131
14 JEROME SMITH 6437083
GARY K ARONHALT ▫6487142
LAURENCE P BASTERI-6485382
GLENNA KELLY 7 6460286
BRUCE C FRALEIGH 6462841
M MULVEY ▫6462943
STEVE W PARRIS ▫6462288
ALBERT B PATTERSON▫6462288
J UMBREIT ▫6462791
EDWARD J VARTAIAN ▫6463066
CHARLES R MURPHY 9 6467517
ATHOMAS W TIERNEY -6461771
AW S POTTER 8 6462390
AN JOSEPH RARIANI ▫6460241
AHARRY F GARNER ▫6462622
AJ L NOONAN ▫6463123
ASYLVIA A RENOS 9 6460040
AHELGE BJAALAND 9 6467829
AKARL E ERHARDT 9 6463810
AM J BURKE 6 6435641
AH DONALD CAHALIN 4 6430696
15AROBERT E CHAGNON 6430909
16 ORESTES JIMENEZ 6461058
17 STEPHEN F STAMARIS 9 6462597
JOHN W STINGEL 9 6480760
MRS A J RICH ▫6437194
C H VALENTE 6 6435727
THEO A ROCKWELL 7 6467639
ARTHUR R RONAYNE 6480627
18 WILLIAM DERRENGER8 6484460
GARY STREETER 6432039
FREDERICK G TRUE 6439635
AEDWARD R HASTINGS ▫6488143
AALAN L CITRON ▫6463524
ADONALD S RITCHIE ▫6439150
ADOROTHY E TOLSTUK ▫6437996
APAUL KARPEN ▫6460005
AS KRISHNAN -6437062
AM M LAPINE ▫6431860
19 KATHERINE M ONEILL 6 6431352
DAVID B SMITH 9 6468782
ROBERT M RYAN ▫6462085
CAROL HAMBLIN ▫6462074
JOHN IVIMEY ▫6462085
JANICE BANKS ▫6462074
MRS EDITH W KNOBEL 4 6433864
20•LOMBARD DEVELPMNT 6488600
ERNEST N LOMBARD 8 6484510
•GROVE PK RLTY TRST 6488600
21 E P METIVIER 9 6463518
S P LORD 9 6463518
GABRIEL FRYSHDORF ▫6468619
MARIE F REIMER ▫6460161
JOHN R ALLEN JR ▫6462882
CLIFFORD L DIAMOND 6 6480472
24 ROBERT D STOLOROW ▫6463436
L MEO 9 6437973
GARY B JOHNSON ▫6462334
RICHARD L RIVINIUS▫6480046
M GOULIAN 9 6484532
W F WIERZBICKI 4 6468431
GEORGE GOODWIN 8 6484043
25 N.T.I.A.
26 CARL W ALSEN JR 4 6434131
DONALD JAMES ROSE ▫6481054
DAVID H STUART -6463140
JOHN J MCNAMARA 9 6463893
ALAN LEBOWITZ ▫6480497
JAMES M GIBBONS ▫6462190
BENJAMIN J DAVIS ▫6463256
STEPHEN R BUCKLEY ▫6463052
A L LANE 4 6468016
RICHARD A MASON -6461742
DANIEL W ZENGA JR 6488361
44 RALPH FAIOLA 6489359
.. DUDLEY ST ..
.. GROVE ST PL ..
50•C W JOHNSON CORP 6439795
•E S JOHNSON CONSTR 6439500
•BRATTLE RLTY TRUST 6439500
•BRATTLE RLTY TRUST 6439795
51•ARLINGTON TREE OPT 6461465
54 N.T.I.A.
BB P SKINNER 6460884
67 DENNIS E ROARK ▫6462176
MRS ANNA L FUCHS 6 6461361
NICHOLAS J YEWCIC ▫6483563
DANIEL B DAWSON 8 6480296
PATK J BENEDETTO 9 6468136
JAMES R BURNS 6430774
68 N.T.I.A.
69 R W BAKER 6430678
LESLIE S THOMAS ▫6462599
E L MCGEE 8 6468442
EDMUND GALUCCI ▫6430538
E E AHLBERG -6482995
MADELINE E HINES 7 6484039
MILO RIESNER ▫6462024
PRUDENCE V WOGAN 9 6460908
E M GRAVEL 8 6468442
ELLIS E CROSSMAN 5 6468241
WILLIAM R CORKER 9 6463419
70 E E FITZPATRICK 6480209
A N.T.I.A.
71 EILEEN C OBRIEN 5 6460270
GEORGE C ROBINSON ▫6463062
F M LABOMBARD ▫6461233
WILLIAM V HERRICK ▫6463176
SUSAN HORSMAN ▫6462786
DANIEL S KING 9 6487155
J A GALBO 9 6468281
JOS D FITZGERALD 7 6485727
JAS E RICHARDS JR ▫6434328
•NELSON&SCHNMKR CO 6435454
E L ZAFFINO 9 6468281
75 WILLIAM F KENNEDY ▫6463942
HELEN LAWLOR ▫6461360
WILLIAM GIBBS ▫6435188
GEO E RICHARDSON ▫6463222
.. ENDS 190 SUMMER ST ..
118 RESIDENCE 8 BUSINESS

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Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

PRENTISS RD 1970

```
   21 RAFFAELE ESPOSITO8 4841732
   26 MRS WM A STURGIS   4842435
   43 THEODORE LEVITT    4848410
   44 JOSEPH F HILL JR  -4840331
   48 DEREK C BOK        4849194
   51 WILBUR B ENGLAND 6 4890488
   54 CLAUS O GELOTTE    4845848
   60 RICHARD H LYON    □4892112
   70 RICHARD E CARTER   4846262
      LENA FORTE         4846262
  ..  ENDS 89             ..
  ..  FLETCHER RD         ..
       16 RESIDENCE

PRENTISS RD              ARLNGTN

      ..................  02174
.....    1-  END T 3566 $C..G10
    5 J T BRINCKLOW      -6468753
    7 MRS J STACCHI       6438095
   10 ROSE DEMATTIA     9 6482163
   16 BERNARD S SMITH     6437608
   19•ROBERT A STRONG CO 6437640
   22•WILFERT BROS WDWKG 6433800
   32•MISTER SNACK FOOD  6434322
  ..  DEAD END             ..
       4 RESIDENCE   3 BUSINESS

PRENTISS ST              WATERTN

      STARTS 700
      MT AUBURN ST
      ..................  02172
.....    1-  END T 3703 $E..J11
   15 THOMAS J BERGER   9 9244884
      LARRY L SIMMS     □9261658
      JAS P METROPOULOS  9243670
   16 THOMAS J HANNON     9245237
   17          N.T.I.A.
   18 REMIE ALBERICO      9243681
   19 RENZO CONTINI      □9269756
      KATHLEEN F QUIGLEY 9230294
      LAWRENCE B QUIGLEY 9230294
   21 ALBERT VALENTINO    9231571
   22 ROBERT BREUGELMAN  □9260387
   23 IRENE K VALENTINO   9260130
   25 JAMES M GILREATH 9  9230469
   27 FREDK A ZARTARIAN   9243515
   28 RALPH A PERRI      □9238869
   30 THERESA L PERRI   8 9231348
   31 S J YERARDI JR    5 9240689
      JOHN J DEMPSEY    5 9248118
   33 GRACE F LEARY       9245491
   35 CHAS H HARTSHORN 5 9240791
   37 RALPH A TAMBURRO    9246829
   39 GEORGE MIRANDA     □9269767
   40 MARY L BLAIS        9230627
```

APPENDIX D:

AERIAL PHOTOGRAPHS

34 Dudley Street

34 Dudley Street

Arlington, MA 02476

Inquiry Number: 6684764.8

September 30, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

09/30/21

Site Name:

34 Dudley Street
34 Dudley Street
Arlington, MA 02476
EDR Inquiry # 6684764.8

Client Name:

The Vertex Companies, Inc.
400 Libbey Parkway
Weymouth, MA 02189-0000
Contact: Courtney Ciapciak

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
1995	1"=500'	Acquisition Date: March 29, 1995	USGS/DOQQ
1987	1"=500'	Flight Date: April 27, 1987	NHAP
1980	1"=500'	Flight Date: September 19, 1980	USDA
1978	1"=500'	Flight Date: April 23, 1978	USGS
1970	1"=500'	Flight Date: October 29, 1970	USDA
1969	1"=500'	Flight Date: April 09, 1969	USGS
1957	1"=500'	Flight Date: April 22, 1957	USGS
1955	1"=500'	Flight Date: December 01, 1955	USGS
1939	1"=500'	Flight Date: April 10, 1939	USGS

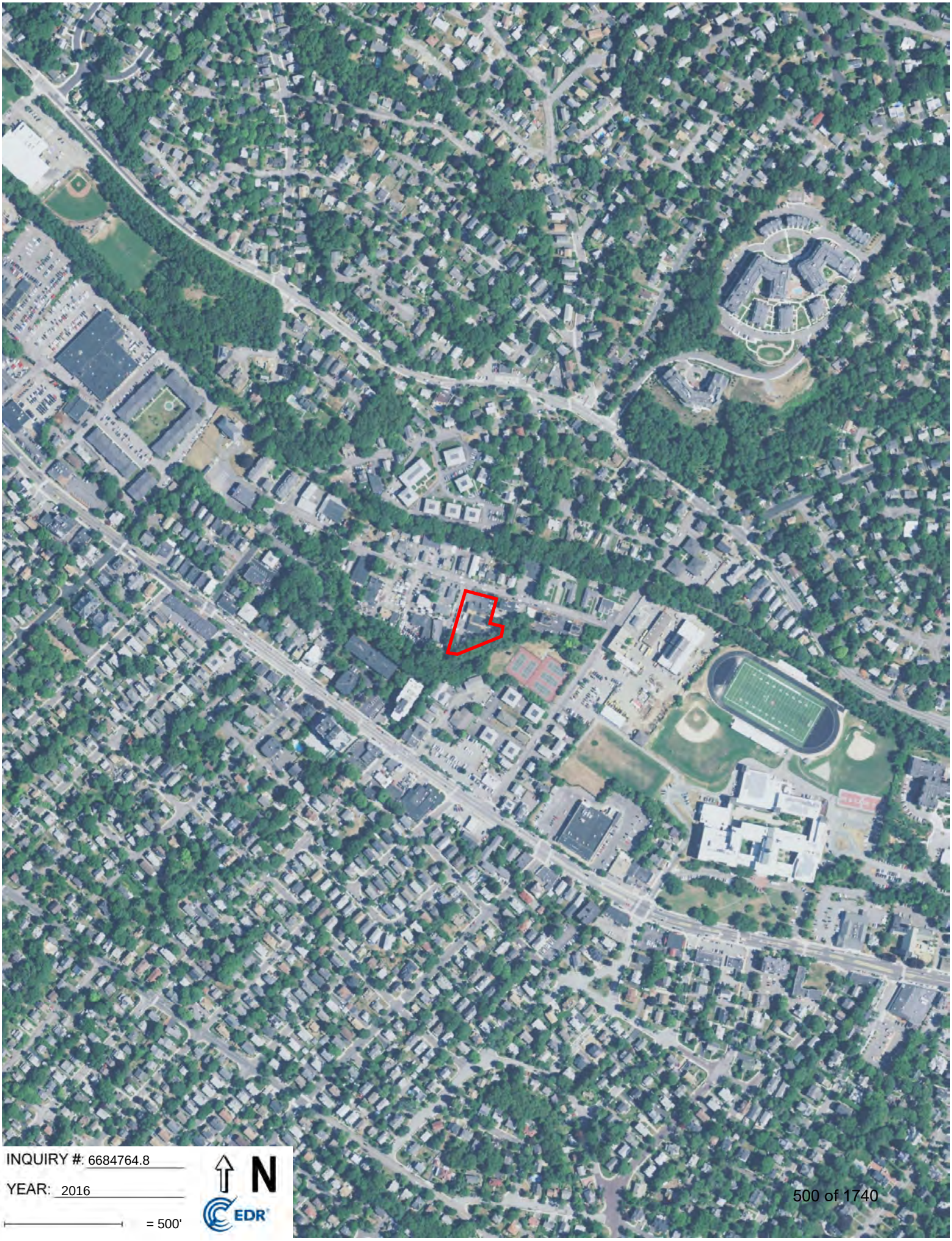
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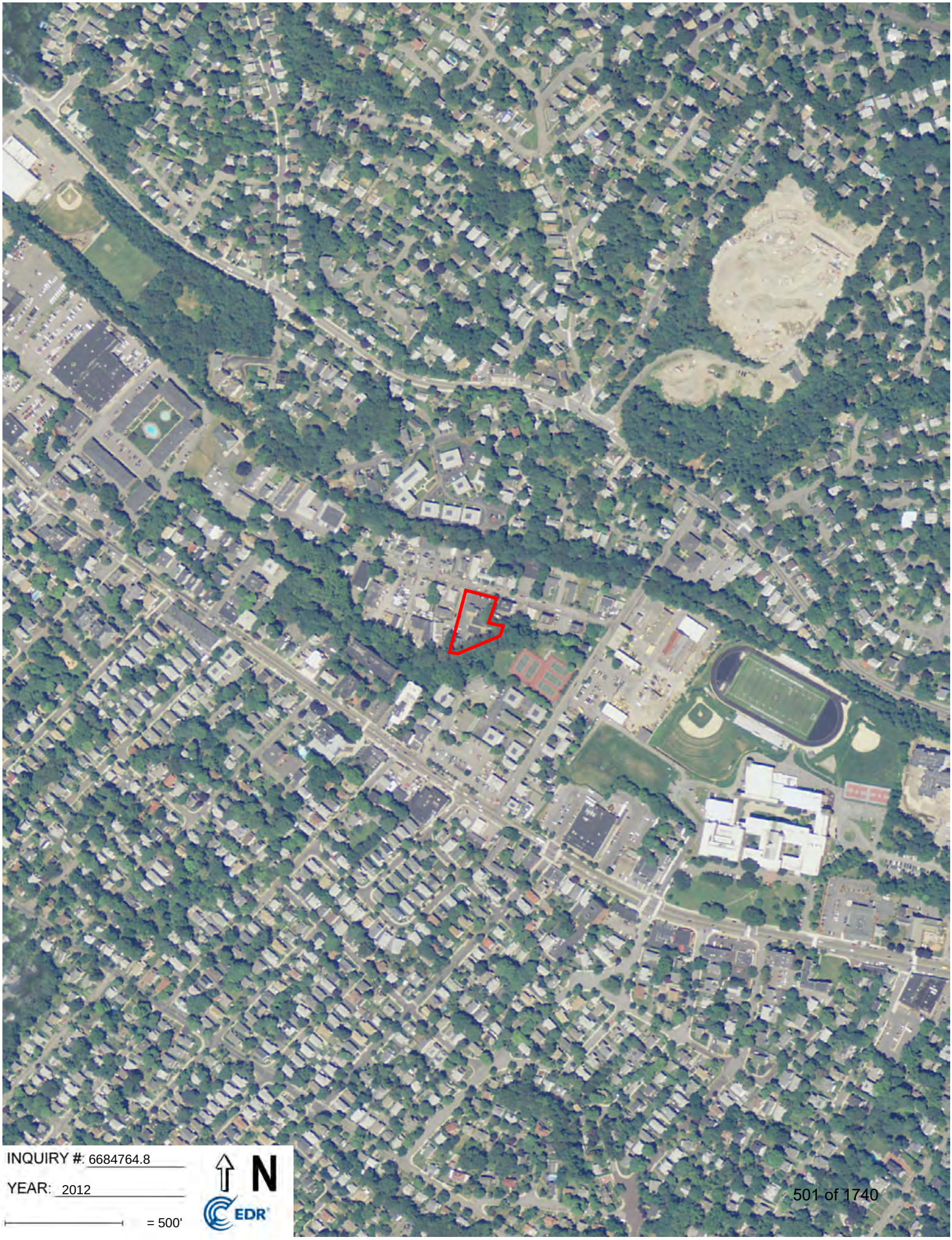
Disclaimer - Copyright and Trademark Notice

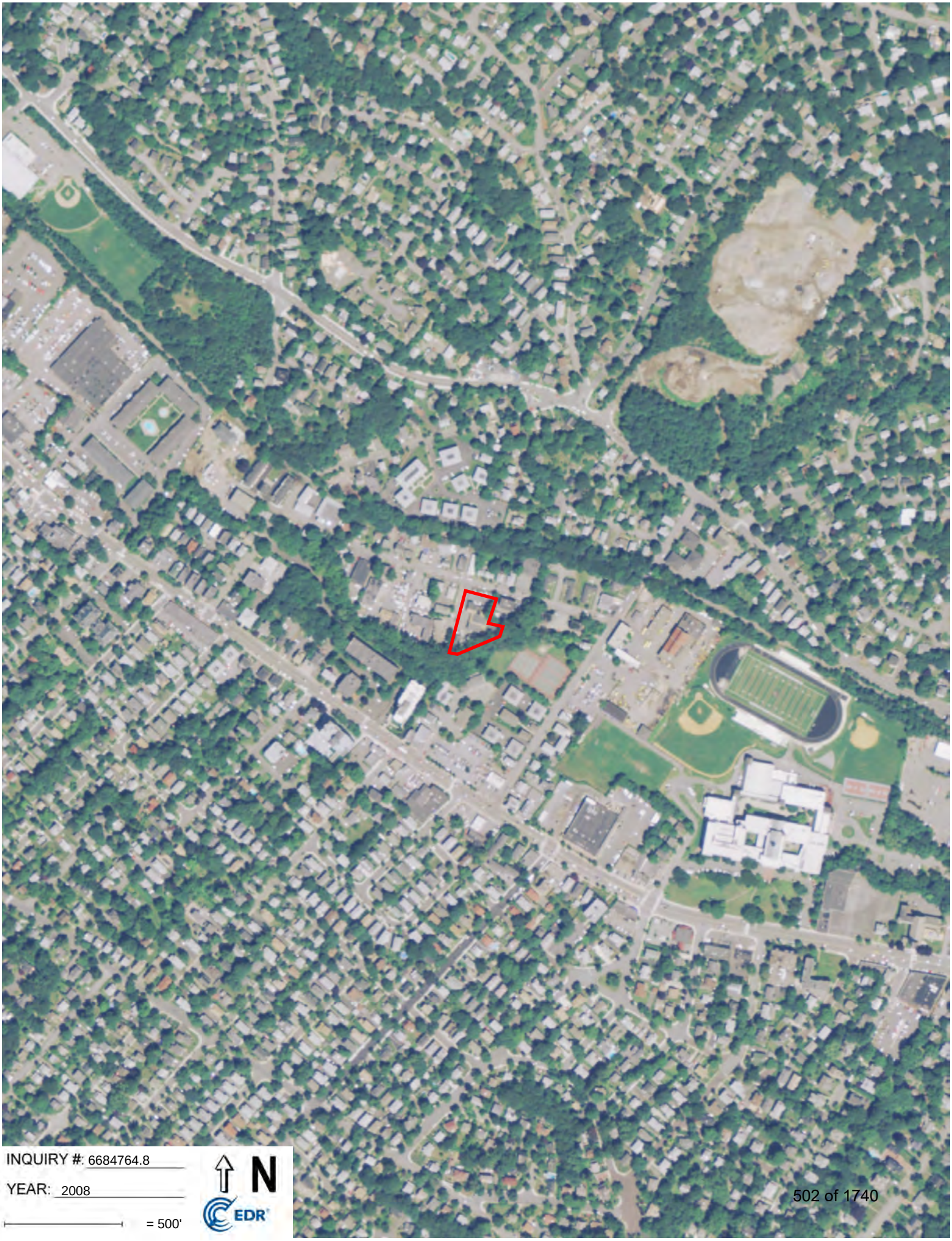
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INQUIRY #: 6684764.8
YEAR: 2016
= 500'
N
EDR
500 of 1740


INQUIRY #: 6684764.8
YEAR: 2012
= 500'
N
EDR
501 of 1740


INQUIRY #: 6684764.8
YEAR: 2008
= 500'
N
EDR
502 of 1740


INQUIRY #: 6684764.8
YEAR: 1995
= 500'
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EDR
503 of 1740


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YEAR: 1987
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504 of 1740


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YEAR: 1980
= 500'
N
EDR
505 of 1740



INQUIRY #: 6684764.8

YEAR: 1978

= 500'

N

EDR


INQUIRY #: 6684764.8
YEAR: 1970
= 500'
N
EDR
507 of 1740


INQUIRY #: 6684764.8
YEAR: 1969
= 500'
N
EDR
508 of 1740


INQUIRY #: 6684764.8
YEAR: 1957
= 500'
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EDR
509 of 1740


INQUIRY #: 6684764.8
YEAR: 1955
= 500'
N
EDR
510 of 1740


INQUIRY #: 6684764.8
YEAR: 1939
= 500'
N
EDR
511 of 1740

APPENDIX E:

TOPOGRAPHIC MAPS

34 Dudley Street

34 Dudley Street

Arlington, MA 02476

Inquiry Number: 6684764.4

September 30, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

09/30/21

Site Name:

34 Dudley Street
34 Dudley Street
Arlington, MA 02476
EDR Inquiry # 6684764.4

Client Name:

The Vertex Companies, Inc.
400 Libbey Parkway
Weymouth, MA 02189-0000
Contact: Courtney Ciapciak

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by The Vertex Companies, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 74303

Coordinates:

Latitude:	42.420437 42° 25' 14" North
Longitude:	-71.166122 -71° 9' 58" West
UTM Zone:	Zone 19 North
UTM X Meters:	321788.77
UTM Y Meters:	4698731.57
Elevation:	75.76' above sea level

Maps Provided:

2012
1985
1971
1956
1949
1947
1946
1944
1943
1903
1893

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Lexington
2012
7.5-minute, 24000

1985 Source Sheets



Boston North
1985
7.5-minute, 25000
Aerial Photo Revised 1978

1971 Source Sheets



Lexington
1971
7.5-minute, 24000
Aerial Photo Revised 1969

1956 Source Sheets



Lexington
1956
7.5-minute, 24000
Aerial Photo Revised 1955

Topo Sheet Key

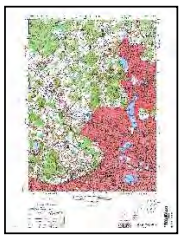
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1949 Source Sheets



Lexington
1949
7.5-minute, 31680

1947 Source Sheets



LEXINGTON
1947
7.5-minute, 25000

1946 Source Sheets



Lexington
1946
7.5-minute, 31680

1944 Source Sheets



Lexington
1944
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1943 Source Sheets



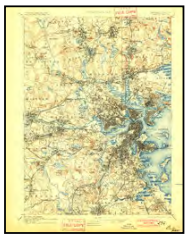
Boston
1943
30-minute, 125000
Aerial Photo Revised 1939

1903 Source Sheets



Boston
1903
15-minute, 62500

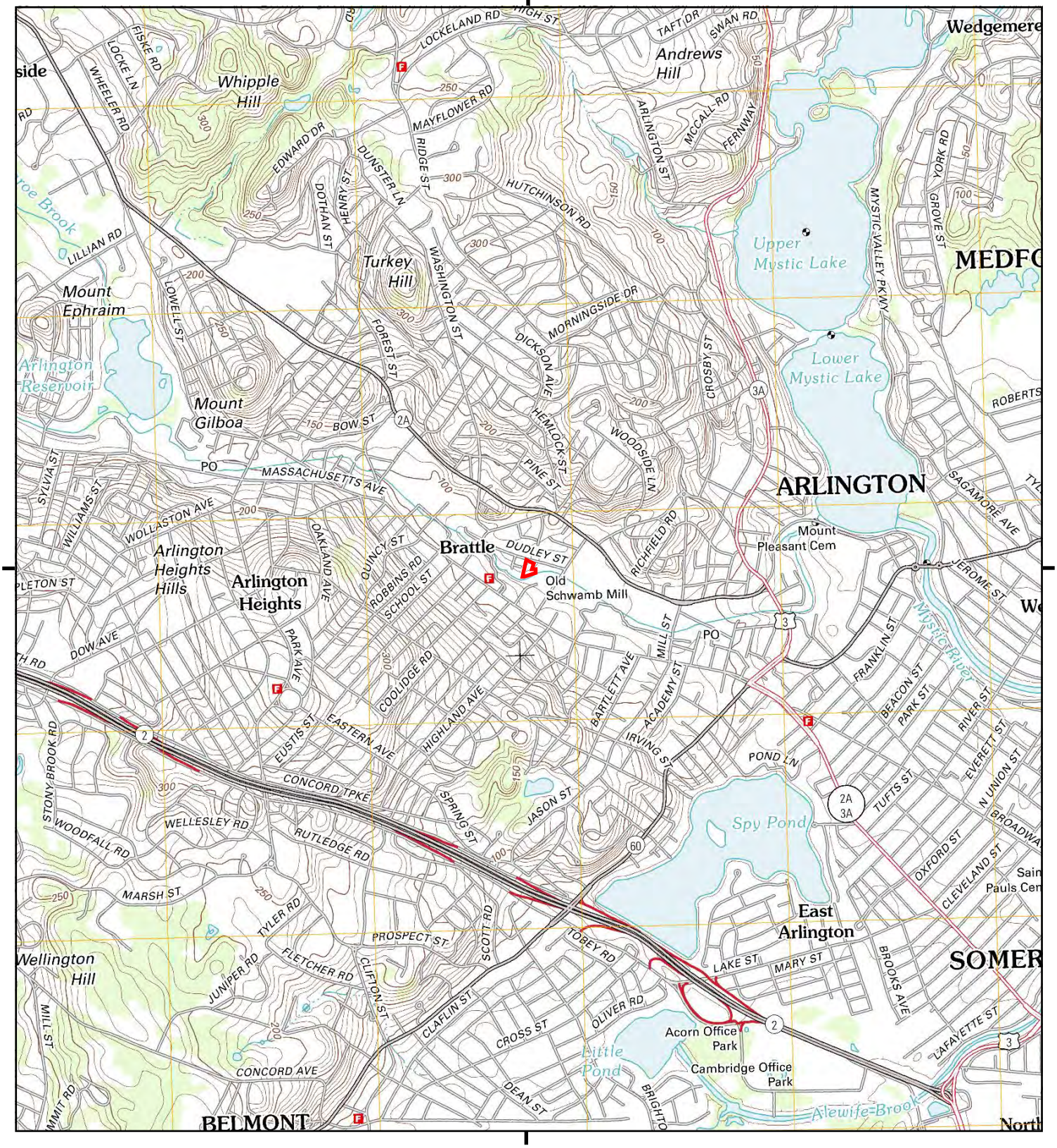
1893 Source Sheets



Boston
1893
15-minute, 62500

Historical Topo Map

2012



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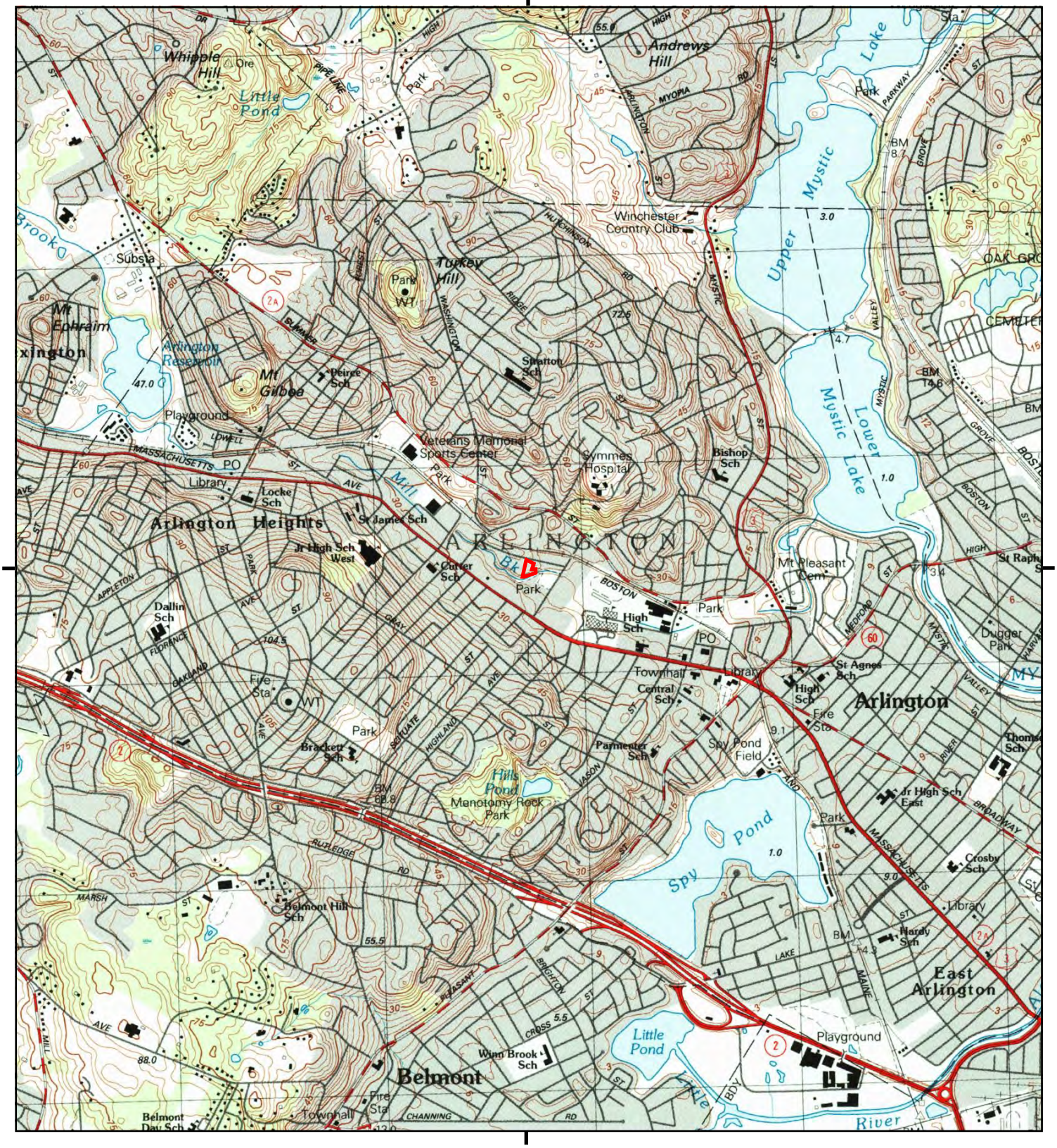
NW N NE
W E
SW S SE

TP, Lexington, 2012, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

518 of 1740

N



This report includes information from the following map sheet(s).

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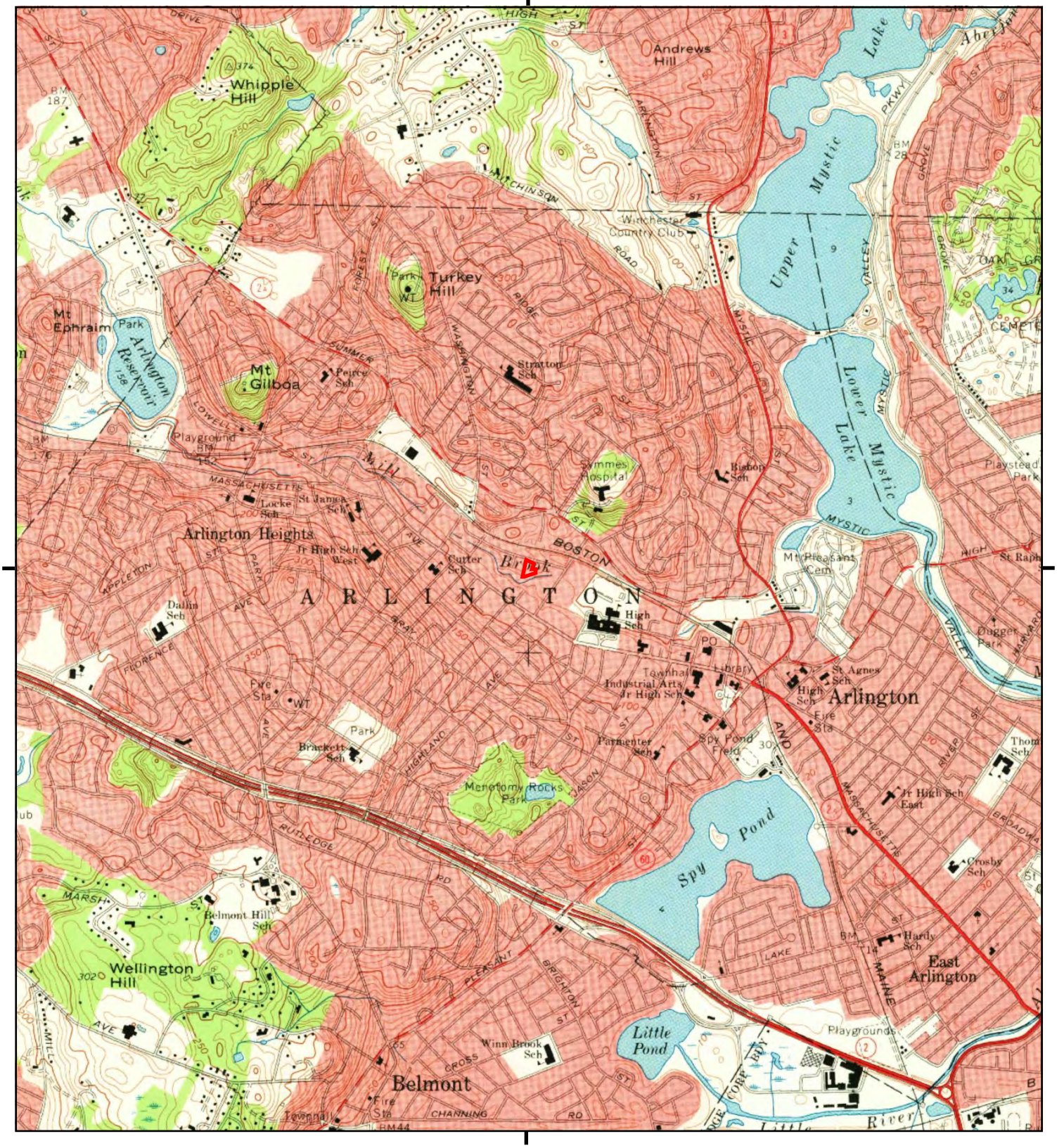
NW N NE
W E
SW S SE

TP, Boston North, 1985, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

519 of 1740

N



This report includes information from the following map sheet(s).

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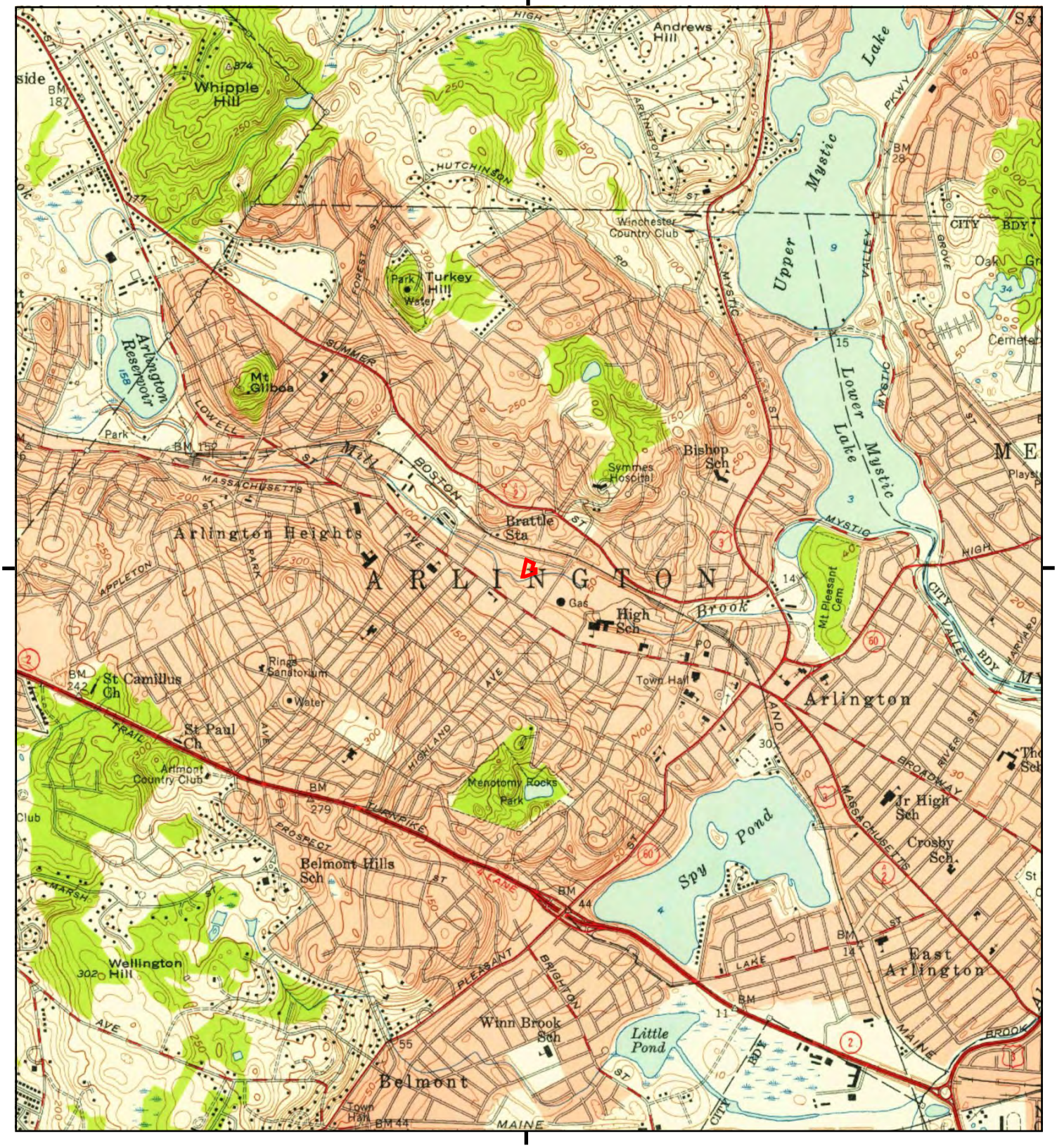
NW N NE
W E
SW S SE

TP, Lexington, 1971, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

520 of 1740

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

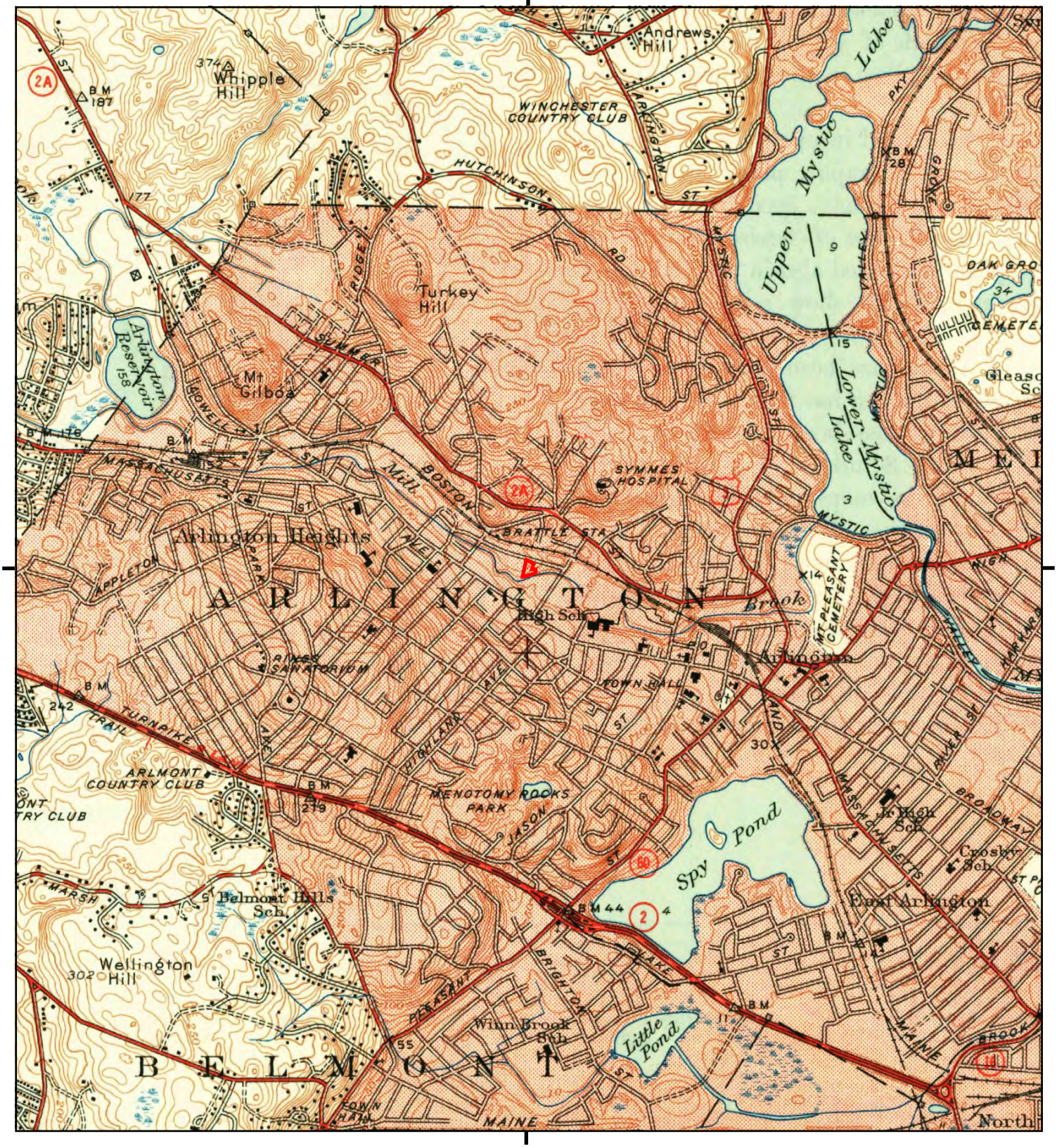
NW N NE
W E
SW S SE

TP, Lexington, 1956, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

521 of 1740

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

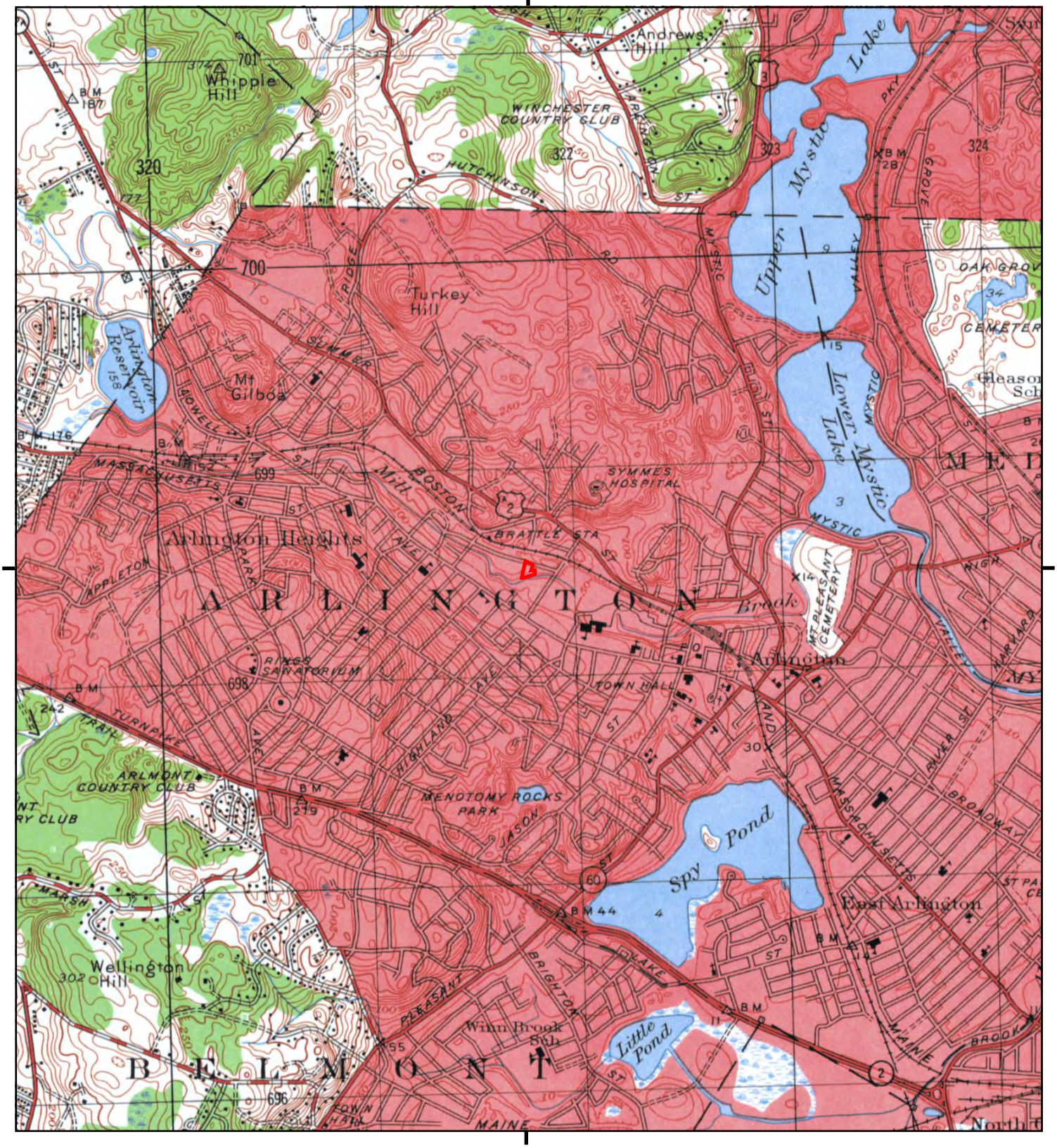
NW N NE
W E
SW S SE

TP, Lexington, 1949, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

522 of 1740

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

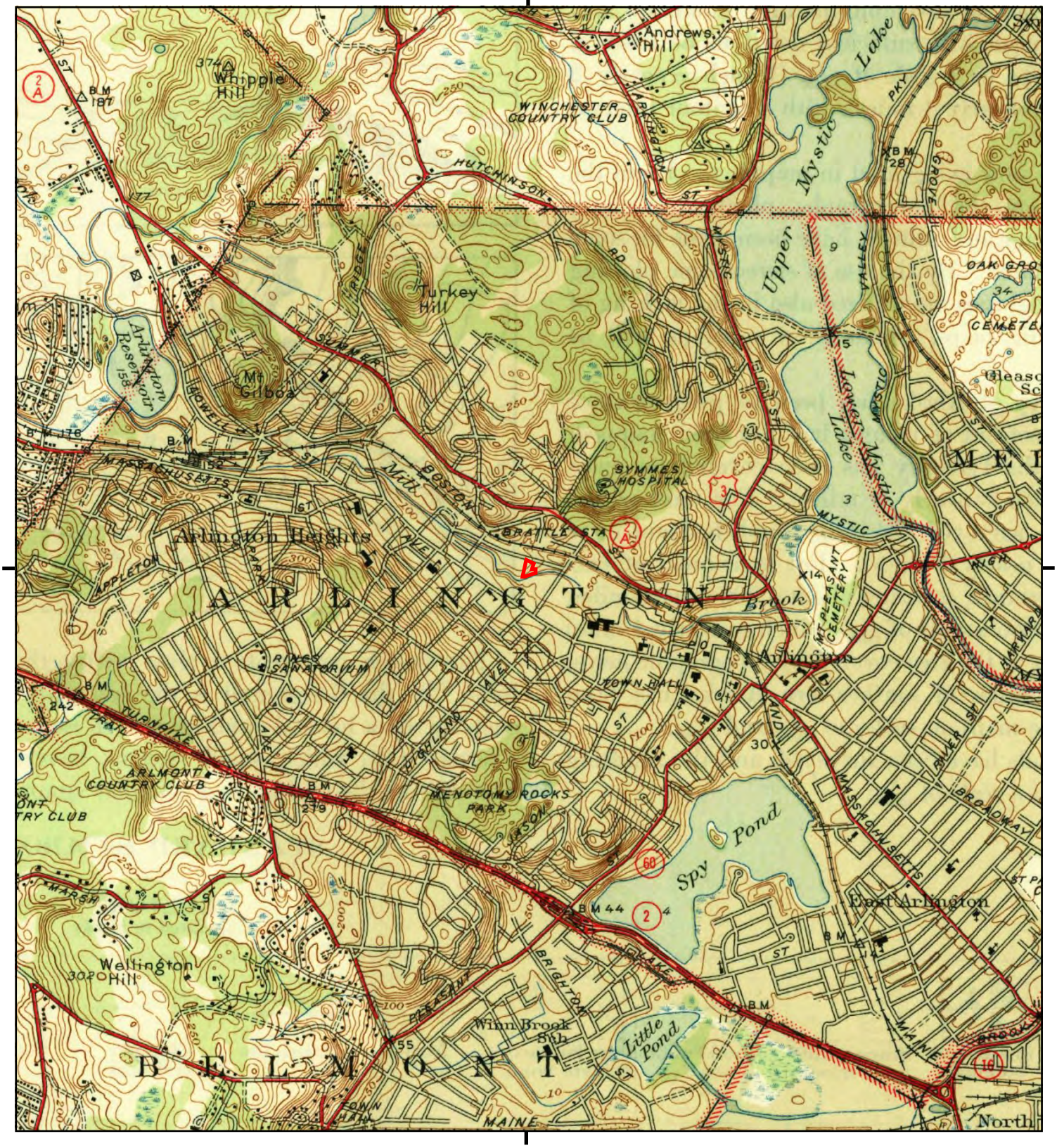
TP, LEXINGTON, 1947, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

523 of 1740

Historical Topo Map

1946



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Lexington, 1946, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

524 of 1740

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Lexington, 1944, 7.5-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

525 of 1740

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Boston, 1943, 30-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

526 of 1740

Historical Topo Map

1903



This report includes information from the following map sheet(s).

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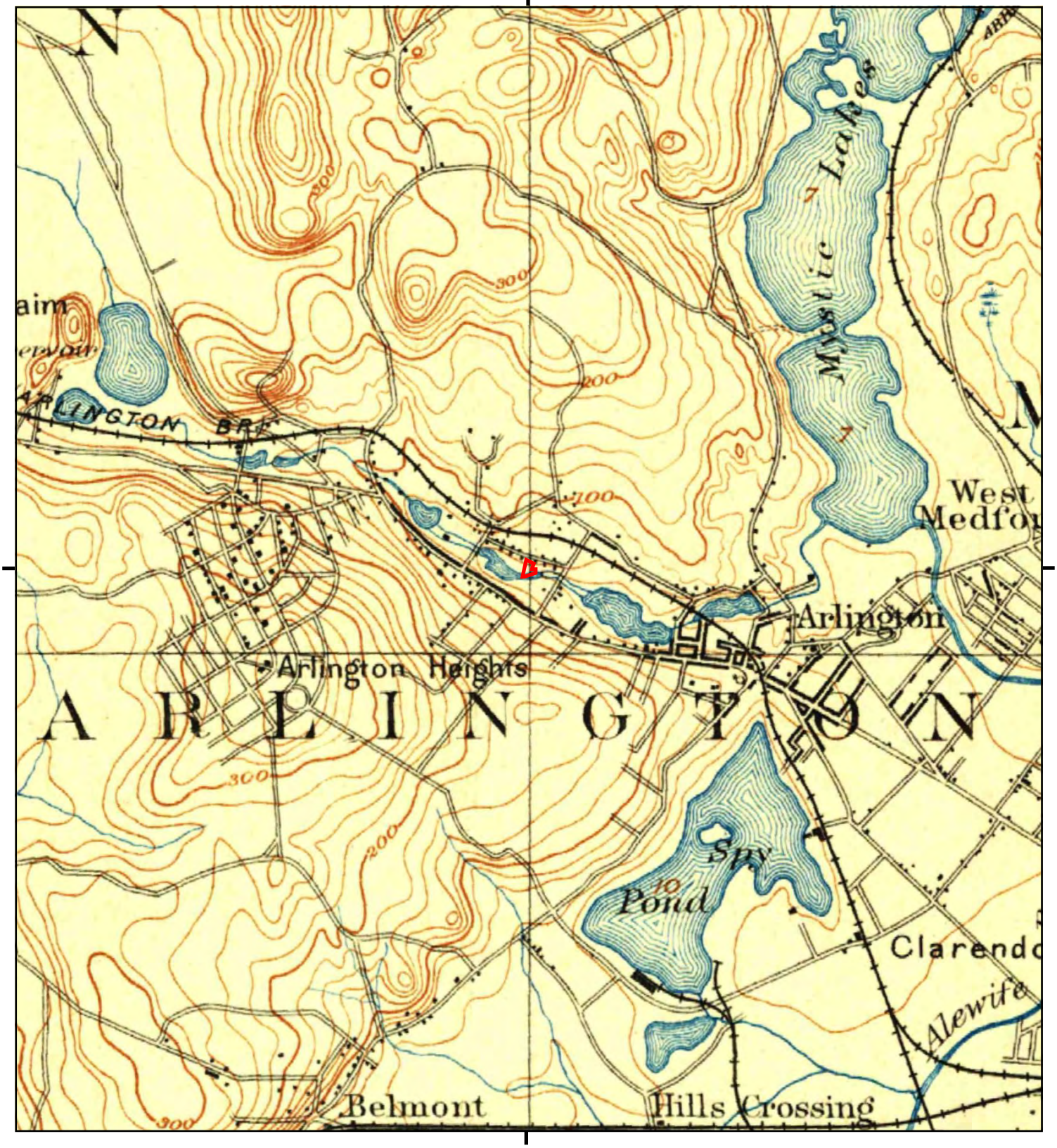
NW N NE
W E
SW S SE

TP, Boston, 1903, 15-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

527 of 1740

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Boston, 1893, 15-minute

SITE NAME: 34 Dudley Street
ADDRESS: 34 Dudley Street
Arlington, MA 02476
CLIENT: The Vertex Companies, Inc.

N

APPENDIX F:

SANBORN FIRE INSURANCE MAPS

34 Dudley Street

34 Dudley Street

Arlington, MA 02476

Inquiry Number: 6684764.3

September 30, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/30/21

Site Name:

34 Dudley Street
34 Dudley Street
Arlington, MA 02476
EDR Inquiry # 6684764.3

Client Name:

The Vertex Companies, Inc.
400 Libbey Parkway
Weymouth, MA 02189-0000
Contact: Courtney Ciapciak

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Certified Sanborn Results:

Certification # 7970-42E6-B7A8

PO # NA

Project 74303

Maps Provided:

1973
1951
1927
1923
1922

Sanborn® Library search results

Certification #: 7970-42E6-B7A8

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

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1973 Source Sheets

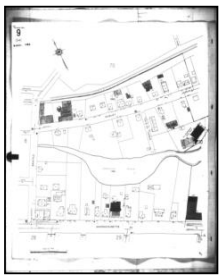

Volume 1, Sheet 9
1973

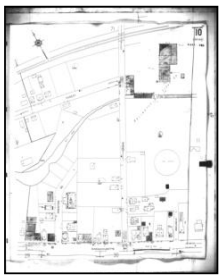

Volume 1, Sheet 10
1973


Volume 1, Sheet 70
1973


Volume 1, Sheet 71
1973

1951 Source Sheets

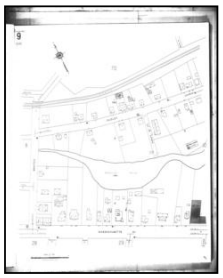

Volume 1, Sheet 9
1951


Volume 1, Sheet 10
1951


Volume 1, Sheet 70
1951


Volume 1, Sheet 71
1951

1927 Source Sheets

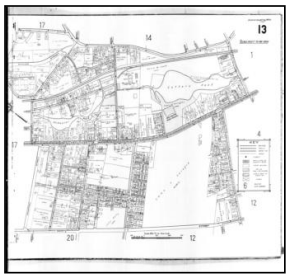

Volume 1, Sheet 9
1927


Volume 1, Sheet 10
1927


Volume 1, Sheet 70
1927


Volume 1, Sheet 71
1927

1923 Source Sheets


Volume 1, Sheet 13
1923

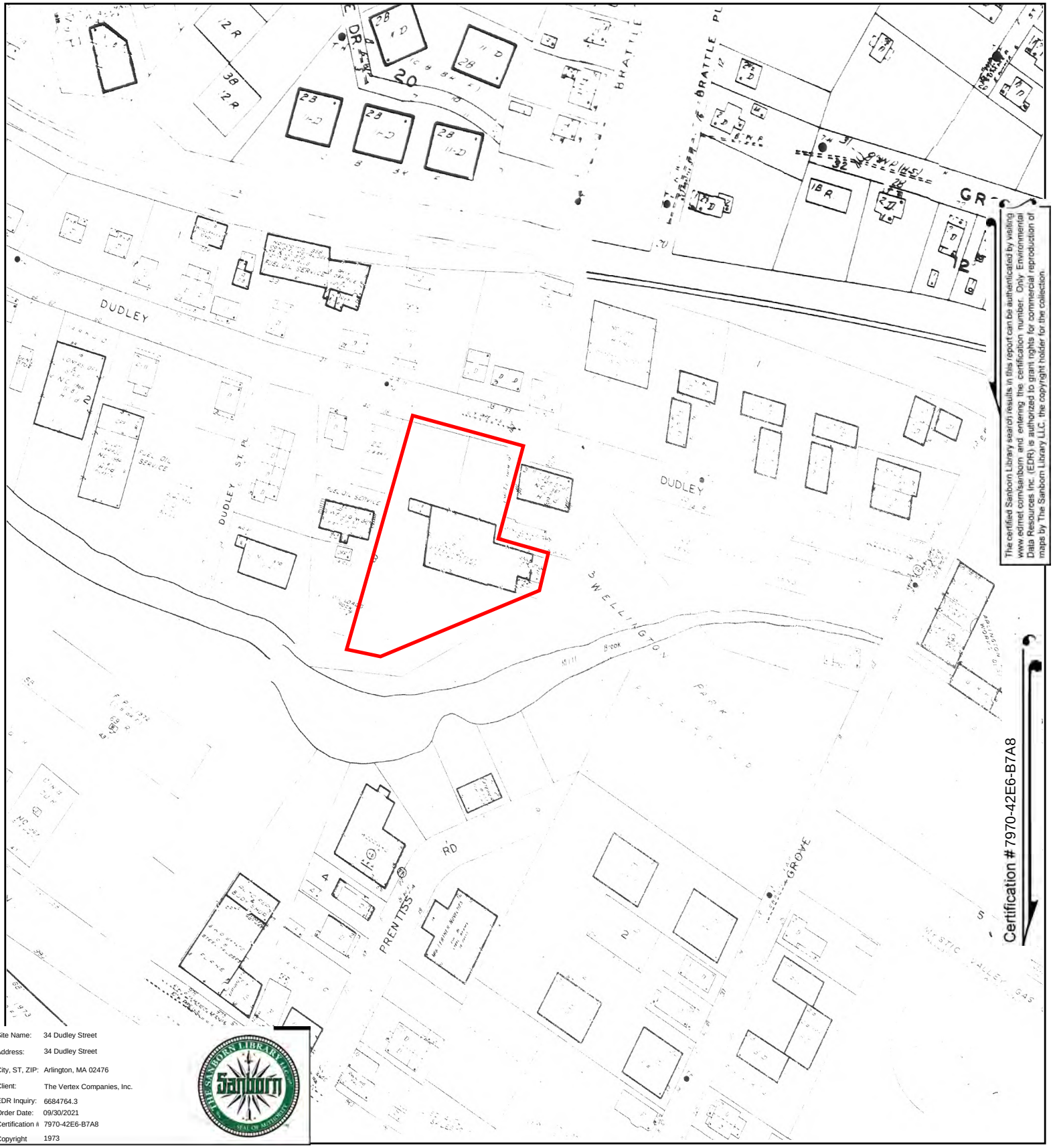
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1922 Source Sheets



Volume 1, Sheet 24
1922

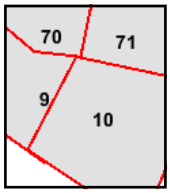


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Site Name:	34 Dudley Street
Address:	34 Dudley Street
City, ST, ZIP:	Arlington, MA 02476
Client:	The Vertex Companies, Inc.
EDR Inquiry:	6684764.3
Order Date:	09/30/2021
Certification #	7970-42E6-B7A8
Copyright	1973

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

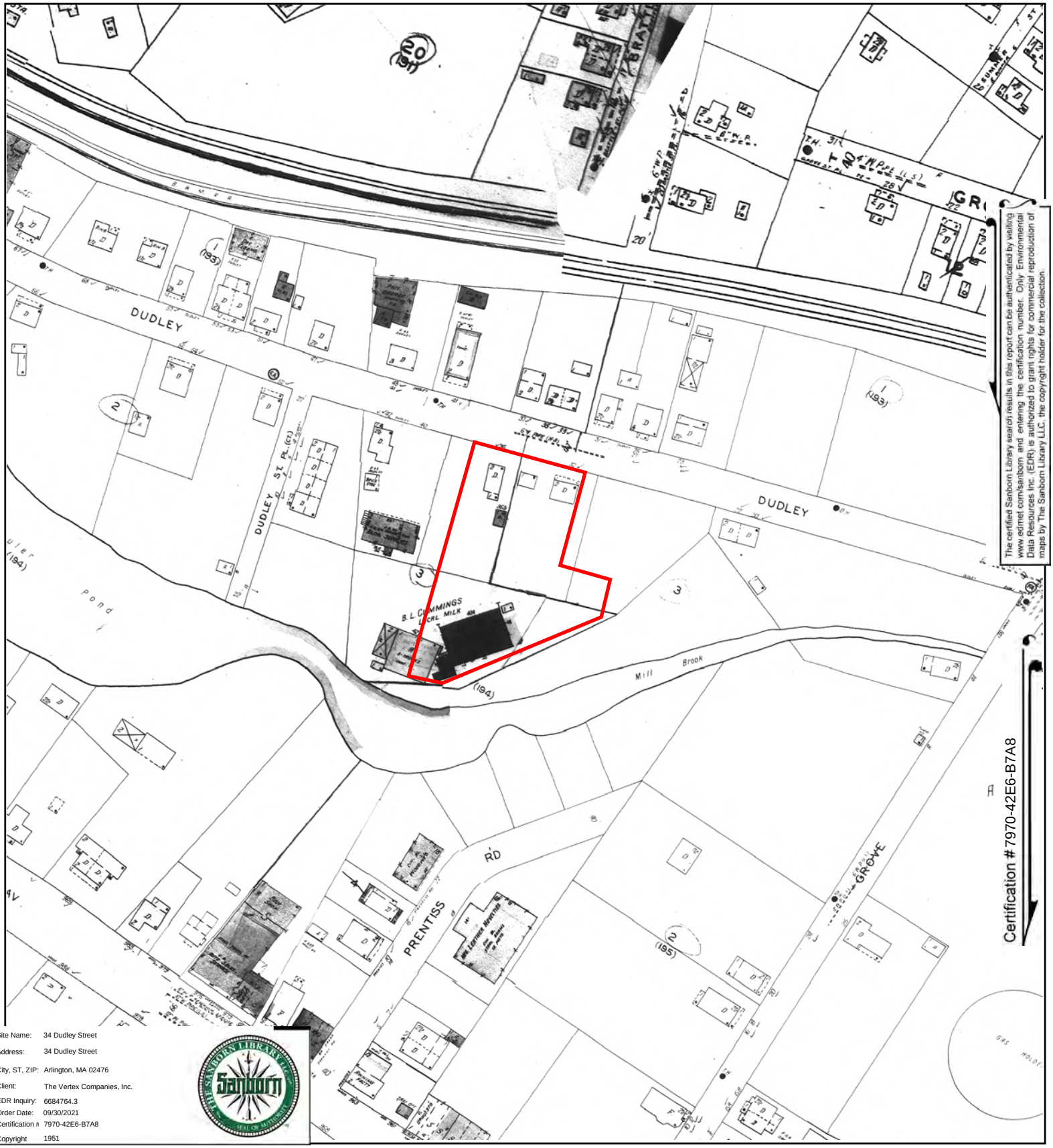




Volume 1, Sheet 71
Volume 1, Sheet 70
Volume 1, Sheet 10
Volume 1, Sheet 9

0 Feet 150 300 600

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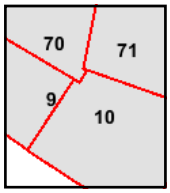


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Site Name:	34 Dudley Street
Address:	34 Dudley Street
City, ST, ZIP:	Arlington, MA 02476
Client:	The Vertex Companies, Inc.
EDR Inquiry:	6684764.3
Order Date:	09/30/2021
Certification #:	7970-42E6-B7A8
Copyright	1951

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

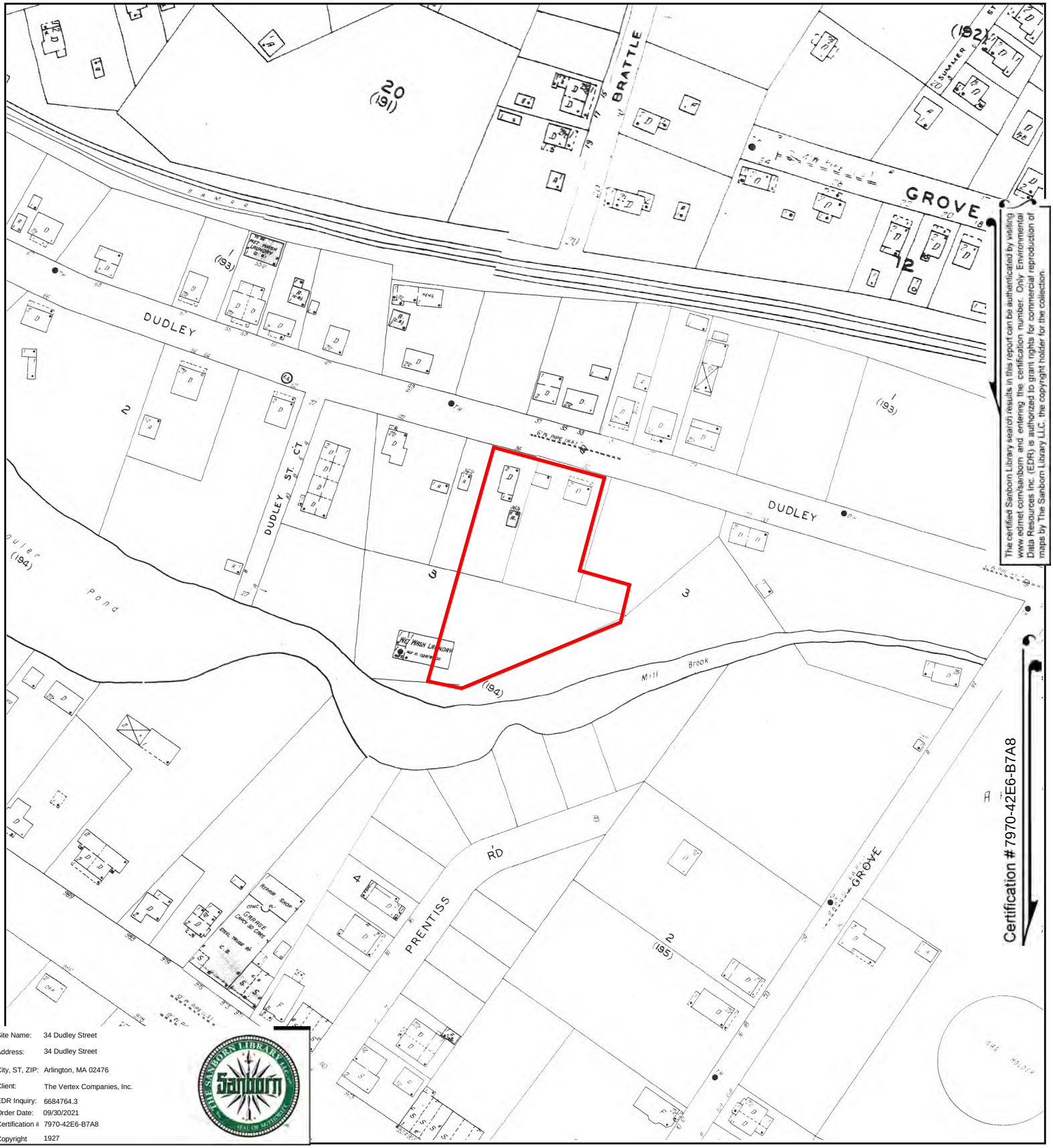




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Volume 1, Sheet 70
Volume 1, Sheet 10
Volume 1, Sheet 9

0 Feet 150 300 600

N



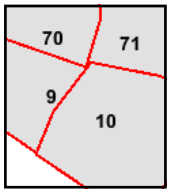
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Client:	The Vertex Companies, Inc.
EDR Inquiry:	6684764.3
Order Date:	09/30/2021
Certification #:	7970-42E6-B7A8
Copyright	1927

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Outlined areas indicate map sheets within the collection.

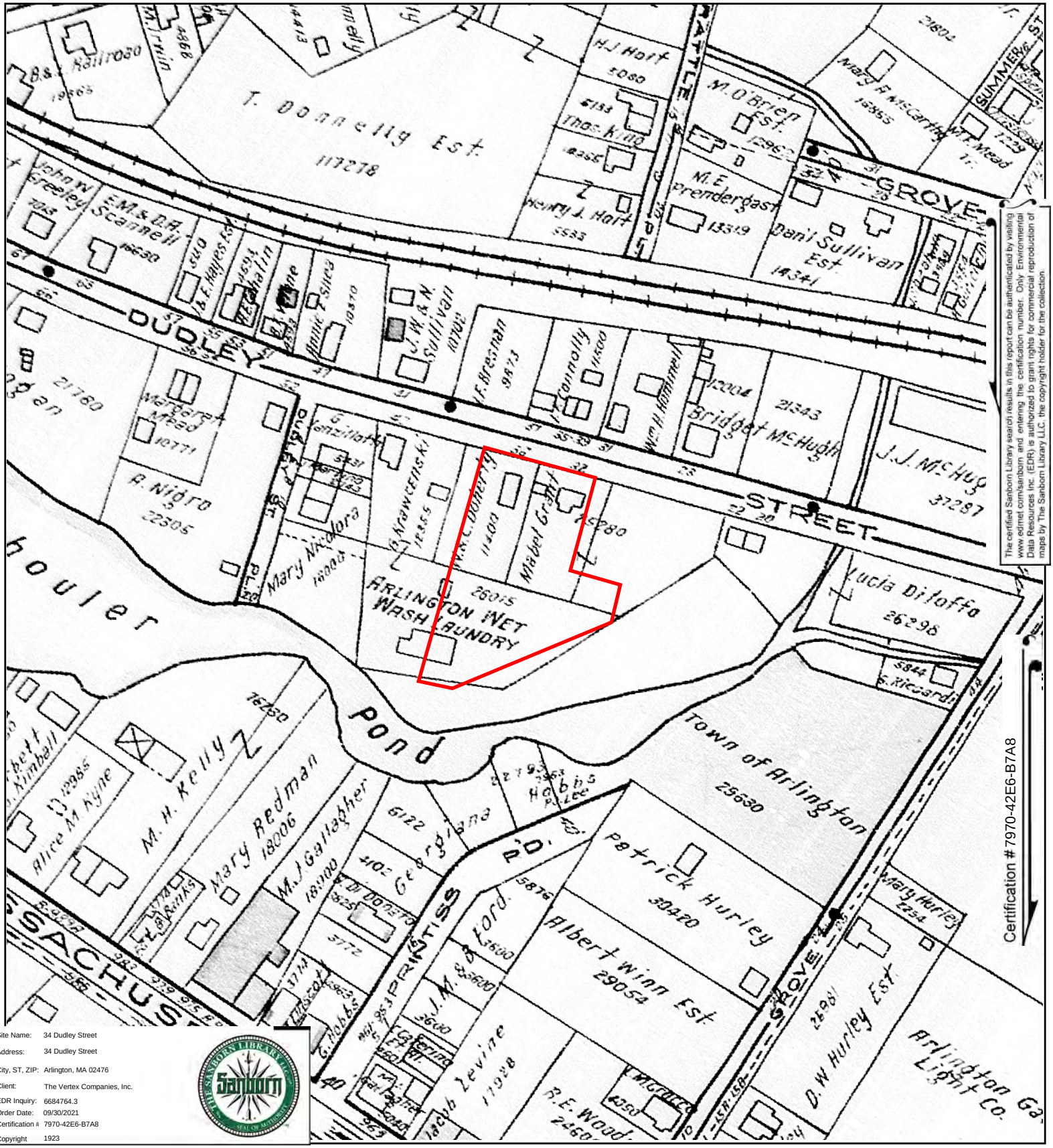
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Volume 1, Sheet 71
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Volume 1, Sheet 9

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Certification #7970-42E6-B7A8

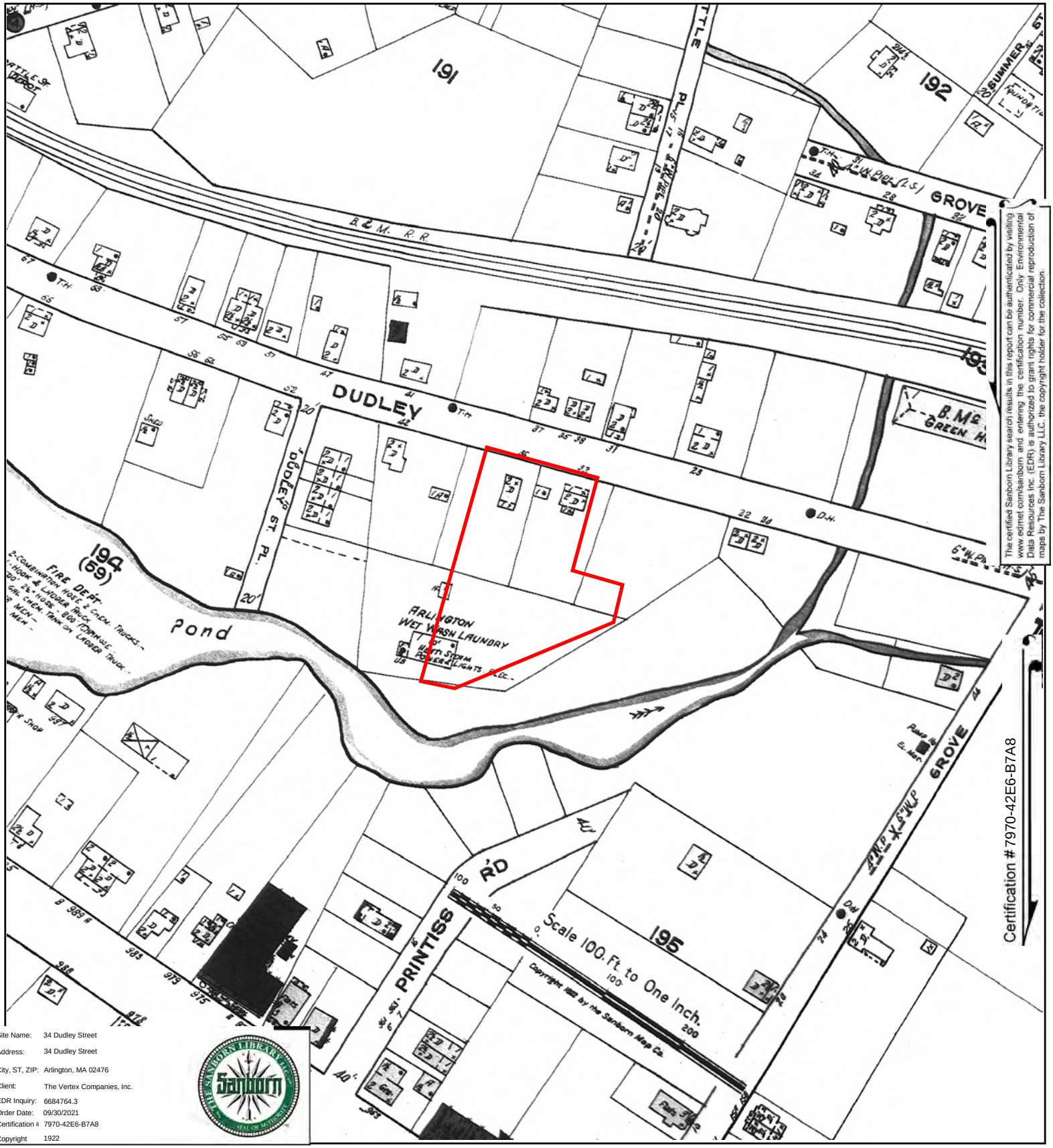
Site Name:	34 Dudley Street
Address:	34 Dudley Street
City, ST, ZIP:	Arlington, MA 02476
Client:	The Vertex Companies, Inc.
EDR Inquiry:	6684764.3
Order Date:	09/30/2021
Certification #:	7970-42E6-B7A8
Copyright	1923

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Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

Volume 1, Sheet 13

13



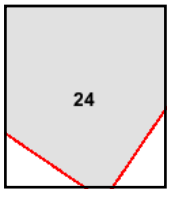
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Site Name:	34 Dudley Street
Address:	34 Dudley Street
City, ST, ZIP:	Arlington, MA 02476
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Order Date:	09/30/2021
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Copyright	1922

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0 Feet 150 300 600





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APPENDIX G:

REGULATORY DATABASE REPORT

34 Dudley Street
34 Dudley Street
Arlington, MA 02476

Inquiry Number: 6684764.2s
September 30, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Government Records Searched/Data Currency Tracking	GR-1

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Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

34 DUDLEY STREET
ARLINGTON, MA 02476

COORDINATES

Latitude (North):	42.4204370 - 42° 25' 13.57''
Longitude (West):	71.1661220 - 71° 9' 58.03''
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	321783.8
UTM Y (Meters):	4698517.5
Elevation:	80 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5646205 LEXINGTON, MA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140712
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
34 DUDLEY STREET
ARLINGTON, MA 02476

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	DUDLEY STREET AUTO B	34 DUDLEY ST	ECHO		TP
A2	DUDLEY STREET AUTO B	34 DUDLEY ST	MA HW GEN		TP
A3	DUDLEY ST AUTO BODY	34R DUDLEY ST	RCRA NonGen / NLR, FINDS, ECHO		TP
A4	DUDLEY STREET AUTO B	34 DUDLEY STREET	RCRA-VSQG		TP
A5	SUMMER STREET GETTY	36 DUDLEY ST	MA HW GEN	Higher	14, 0.003, NNW
A6	NO LOCATION AID	29 DUDLEY ST	MA SHWS, MA RELEASE	Lower	82, 0.016, NNE
A7	ARLINGTON AUTO BODY	14 DUDLEY COURT	EDR Hist Auto	Higher	133, 0.025, West
A8	ARLINGTON AUTOBODY &	14 DUDLEY CT	RCRA-VSQG, FINDS, ECHO	Higher	133, 0.025, West
B9	THE BIKE STOP INC	43R DUDLEY ST	MA HW GEN	Higher	135, 0.026, NNW
B10	THE BIKE STOP INC	43R DUDLEY ST	RCRA-VSQG	Higher	135, 0.026, NNW
C11	OXBOW PARTNERS	23 DUDLEY ST	MA HW GEN	Lower	136, 0.026, NE
D12	WILFERT BROTHERS WOO	22 PRENTISS RD	RCRA NonGen / NLR, FINDS, ECHO	Lower	170, 0.032, SSW
D13	WILFRED BROTHERS WOO	22 PRENTISS RD	MA UST	Lower	170, 0.032, SSW
C14	ARLINGTON AUTOBODY &	14 DUDLEY CT	MA HW GEN	Lower	173, 0.033, East
E15	DUDLEY AUTOMOTIVE SE	9 DUDLEY STREET PL	RCRA NonGen / NLR, FINDS, ECHO, RI MANIFEST	Higher	304, 0.058, West
E16	DUDLEY FUEL COMPANY	9 DUDLEY ST	MA LUST, MA UST, MA RELEASE, MA Financial...	Higher	304, 0.058, West
F17	PROPERTY	971-977 MASSACHUSETT	MA SHWS, MA RELEASE	Higher	399, 0.076, SW
G18	E S JOHNSON CONST CO	50 GROVE ST	MA LUST, MA UST, MA RELEASE	Lower	430, 0.081, East
G19	51 GROVE ST REMEDIAT	51 GROVE ST	RCRA NonGen / NLR	Lower	471, 0.089, East
G20	PROPERTY ACROSS FROM	51 GROVE STREET	MA SHWS, MA SWF/LF, MA LUST, MA AST, MA INST...	Lower	471, 0.089, East
G21	TOWN OF ARLINGTON PW	51 GROVE ST	MA UST, MA Financial Assurance	Lower	471, 0.089, East
G22	ARLINGTON DPW FACILI	51 GROVE ST	RCRA-SQG	Lower	471, 0.089, East
F23	ACE CLEANERS INC	968 MASSACHUSETTS AV	EDR Hist Cleaner	Higher	477, 0.090, SSW
H24	MIRAK LINCOLN MERCUR	956 MASSACHUSETTS AV	RCRA NonGen / NLR, FINDS, ECHO, RI MANIFEST	Higher	577, 0.109, SSW
H25	COLEMAN RD	956 MASSACHUSETTS AV	MA SHWS, MA RELEASE, MA HW GEN	Higher	577, 0.109, SSW
F26	GILS AUTO BODY INC	960 MASSACHUSETTS AV	RCRA-VSQG, FINDS, ECHO	Higher	579, 0.110, SSW
F27	GILS AUTO BODY	960 MASS AVE	EDR Hist Auto	Higher	579, 0.110, SSW
F28	GREY-PATTI AUTOMOTIV	960 MASSACHUSETTS AV	MA HW GEN	Higher	579, 0.110, SSW
H29	INTERSECTION - MASS	931 MASSACHUSETTS AV	MA SHWS, MA RELEASE, MA ASBESTOS	Lower	590, 0.112, South
G30	FORMER ARLINGTON GAS	MASSACHUSETTS AVE AN	EDR MGP	Lower	594, 0.112, East
G31	ADJACENT TO #53 GROV	GROVE ST	MA SHWS, MA RELEASE	Lower	596, 0.113, ENE
32	TECH ALTERNATIVES	75 DUDLEY STREET	NY MANIFEST	Higher	618, 0.117, NW
H33	ARLINGTON SHELL	934 MASSACHUSETTS AV	MA LUST, MA UST, MA AST, MA RELEASE	Higher	677, 0.128, South
I34	MCDERMOTTROE BROS GE	251 SUMMER ST	MA UST, MA AST, RCRA NonGen / NLR, FINDS, ECHO, MA...	Higher	839, 0.159, NNE
I35	CW FUELS	251 SUMMER ST	MA HW GEN	Higher	839, 0.159, NNE
I36	GETTY STATION	251 SUMMER ST	MA SHWS, MA RELEASE, MA SPILLS	Higher	839, 0.159, NNE
J37	STOP & SHOP SUPERMAR	905 MASSACHUSETTS AV	RCRA-SQG, FINDS, ECHO	Lower	875, 0.166, SSE
J38	PROPERTY	905 MASSACHUSETTS AV	MA SHWS, MA RELEASE, MA HW GEN	Lower	875, 0.166, SSE
K39	MWRA - BRATTLE COURT	18 BRATTLE CT	MA UST, MA AIRS, MA HW GEN	Higher	968, 0.183, WNW

MAPPED SITES SUMMARY

Target Property Address:
34 DUDLEY STREET
ARLINGTON, MA 02476

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40	MWRA BRATTLE COURT P	18 BRATTLE CT	RCRA NonGen / NLR	Higher	968, 0.183, WNW
L41	ARLINGTON GRAPHICS I	1050 MASSACHUSETTS A	RCRA NonGen / NLR, FINDS, ECHO	Higher	1070, 0.203, West
J42	ANDERSON & SONS INC	895-901 MASSACHUSETT	MA LUST, MA RELEASE	Higher	1074, 0.203, SSE
K43	RESIDENTIAL	21 LAUREL STREET	MA SHWS, MA RELEASE, MA ASBESTOS, MA ENF	Lower	1110, 0.210, WNW
J44	ARLINGTON LITHOGRAPH	6 SCHOULER CT	MA SHWS, MA RELEASE, MA ASBESTOS, MA HW GEN	Lower	1116, 0.211, SE
K45	RESIDENCE	25-27 LAUREL STREET	MA SHWS, MA RELEASE, MA ENF	Higher	1141, 0.216, WNW
M46	887 MASSACHUSETTS AV	887 MASSACHUSETTS AV	MA SHWS, MA RELEASE	Lower	1150, 0.218, SSE
47	NO LOCATION AID	22 MOULTON RD	MA SHWS, MA RELEASE	Higher	1165, 0.221, South
M48	ARLINGTON CLEANERS	888 MASSACHUSETTS AV	MA DRYCLEANERS	Higher	1185, 0.224, SSE
K49	RESIDENCE	29 LAUREL STREET	MA SHWS, MA RELEASE, MA ENF	Higher	1189, 0.225, WNW
50	HOMEOWNER	25 HEMLOCK ST	MA SHWS, MA LAST, MA RELEASE	Higher	1192, 0.226, NNE
51	NO LOCATION AID	159 SUMMER ST	MA LAST, MA RELEASE	Higher	1203, 0.228, East
M52	882-892 MASSACHUSETT	882-892 MASSACHUSETT	MA HW GEN	Higher	1223, 0.232, SSE
M53	FRESH TOUCH CLEANERS	882 MASSACHUSETTS AV	RCRA NonGen / NLR, FINDS, ECHO	Higher	1223, 0.232, SSE
M54	ARLINGTON TAILORING	882-892 MASSACHUSETT	MA SHWS, MA RELEASE	Higher	1223, 0.232, SSE
M55	COMMERCIAL PROPERTY	882-892 MASSACHUSETT	MA SHWS, MA RELEASE	Higher	1223, 0.232, SSE
M56	882-892 MASSACHUSETT	882-892 MASSACHUSETT	RCRA-LQG	Higher	1223, 0.232, SSE
M57	COMMERCIAL PROPERTY	882-892 MASSACHUSETT	MA SHWS, MA RELEASE	Higher	1223, 0.232, SSE
L58	BARBARA A LAWNICKI D	1068 MASSACHUSETTS A	MA HW GEN	Higher	1227, 0.232, West
L59	BARBARA A LAWNICKI D	1068 MASSACHUSETTS A	RCRA-VSQG	Higher	1227, 0.232, West
L60	PARECK AUTOMOTIVE SE	1071 MASSACHUSETTS A	RCRA-VSQG	Higher	1231, 0.233, West
L61	PARECK AUTOMOTIVE SE	1071 MASSACHUSETTS A	MA HW GEN	Higher	1231, 0.233, West
62	ARLINGTON HIGH SCHOO	855-865 MASSACHUSETT	MA SHWS, MA RELEASE	Lower	1269, 0.240, SE
63	POLE 83/1	WASHINGTON ST ARLING	MA SHWS, MA RELEASE	Higher	1310, 0.248, NNW
M64	SUNOCO #0005-1805	880 MASSACHUSETTS AV	MA SHWS, MA LUST, MA UST, MA RELEASE, MA Financial...	Lower	1324, 0.251, SSE
N65	OLD COLONY LANE COND	2 OLD COLONY LN	MA SHWS, MA RELEASE, MA HW GEN	Higher	1336, 0.253, WNW
M66	ARLINGTON HIGH SCHOO	869 MASSACHUSETTS AV	MA SHWS, MA RELEASE, MA HW GEN	Lower	1379, 0.261, SE
67	SYMMES HOSPITAL	HOSPITAL RD	MA LUST, MA RELEASE	Higher	1452, 0.275, NE
N68	RESIDENCE	1 OLD COLONY LANE	MA SHWS, MA RELEASE, MA ENF	Higher	1457, 0.276, WNW
N69	RC REALTY TRUST	1087-1089 MASSACHUSE	MA SHWS, MA LUST, MA RELEASE, MA ENF	Higher	1464, 0.277, WNW
70	RESIDENTIAL GROUP HO	44 SCHOOL ST	MA LAST, MA RELEASE, MA ASBESTOS	Higher	1480, 0.280, WSW
71	R.C. REALTY TRUST	1092 MASSACHUSETTS A	MA SHWS, MA LAST, MA RELEASE, MA ENF	Higher	1527, 0.289, West
O72	BACK OF GARAGE	26 HOBBES CT	MA LUST, MA RELEASE	Higher	1634, 0.309, NW
O73	BELOW GARAGE SLAB	26 HOBBS CT	MA SHWS, MA LUST, MA RELEASE	Higher	1634, 0.309, NW
74	COMMERCIAL PROPERTY	20 HOBBS CT	MA LUST, MA SPILLS, MA RELEASE	Higher	1715, 0.325, WNW
75	BROWN AUTOMOTIVE SER	1116 MASSACHUSETTS A	MA LUST, MA UST, MA AST, MA RELEASE, MA HW GEN	Higher	1823, 0.345, WNW
76	HODGDON NOYES BUICK	835 MASSACHUSETTS AV	MA SHWS, MA LUST, MA UST, MA RELEASE	Lower	1860, 0.352, SE
77	PARKER RESIDENCE	9 BONAD RD	MA SHWS, MA RELEASE	Higher	2239, 0.424, SSW
78	RAAB RESIDENCE	117 GRAY ST	MA LUST, MA RELEASE	Higher	2266, 0.429, South

MAPPED SITES SUMMARY

Target Property Address:
34 DUDLEY STREET
ARLINGTON, MA 02476

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P79	FORMER BRIGHAMS	30 MILL ST	MA SHWS, MA LUST, MA INST CONTROL, MA SPILLS, MA...	Lower	2275, 0.431, ESE
P80	24 MILL ST	24 MILL ST	MA HW GEN, MA MERCURY	Lower	2275, 0.431, ESE
81	ED BURNS ARENA & ICE	422 SUMMER STREET	MA SHWS, MA RELEASE, MA ASBESTOS, MA HW GEN	Higher	2282, 0.432, NW
P82	NO LOCATION AID	26 MILL STREET	MA SHWS, MA RELEASE	Lower	2291, 0.434, ESE
83	MIRAK CHEVROLET	1165-67R MASSACHUSET	MA LUST, MA RELEASE	Higher	2312, 0.438, WNW
P84	BRIGHAMS REAR LOADIN	42 MILL ST	MA SHWS, MA RELEASE	Lower	2323, 0.440, ESE
85	VILLAGE STRIPPER	1151R MASSACHUSETTS	MA SHWS, MA RELEASE	Higher	2381, 0.451, WNW
P86	NO LOCATION AID	25 MILL ST	MA SHWS, MA RELEASE	Lower	2405, 0.455, ESE
Q87	RECYCLING CENTER	33 RYDER STREET	MA MERCURY	Higher	2441, 0.462, NW
Q88	HYDRO GROUP INC	15 RYDER ST	MA LUST, MA UST, MA RELEASE, MA ASBESTOS	Higher	2554, 0.484, NW
89	RESIDENCE	16 FABYAN ST	MA LAST, MA RELEASE	Higher	2593, 0.491, NNW
90	RESIDENCE	18 EDGEHILL ROAD	MA SHWS, MA LAST, MA RELEASE, MA ASBESTOS	Lower	2633, 0.499, East
91	ROADWAY	14 RYDER ST	MA SHWS, MA RELEASE	Higher	2701, 0.512, WNW
92	NO LOCATION AID	24 CENTRAL ST	MA SHWS, MA LAST, MA INST CONTROL, MA RELEASE	Lower	2705, 0.512, ESE
93	HOMEOWNER	93 CHURCHILL AVE	MA SHWS, MA LAST, MA RELEASE	Higher	2763, 0.523, South
94	42-24-42N 71-09-42W	73 JASON ST	MA SHWS, MA LAST, MA RELEASE, MA ASBESTOS	Higher	2995, 0.567, SSE
R95	BUZZELL FIELD	SUMMER ST	MA SHWS, MA INST CONTROL, MA RELEASE	Lower	3096, 0.586, ESE
96	STRATTON ELEMENTARY	180 MOUNTAIN AVE	MA SHWS, MA INST CONTROL, MA RELEASE, MA ASBESTOS...	Higher	3111, 0.589, North
97	ROADWAY	FARRINGTON ST	MA SHWS, MA RELEASE	Lower	3208, 0.608, East
98	DOYLE'S EXXON STATIO	483 SUMMER ST	MA SHWS, MA LUST, MA UST, MA RELEASE	Higher	3211, 0.608, NW
99	NO LOCATION AID	30 WATER ST	MA SHWS, MA RELEASE	Lower	3262, 0.618, ESE
R100	ARLINGTON CATHOLIC P	SUMMER ST	MA SHWS, MA INST CONTROL, MA RELEASE	Lower	3298, 0.625, East
S101	POLE #18	SUMMER ST MYSTIC ST	MA SHWS, MA RELEASE	Lower	3652, 0.692, East
102	ARLINGTON AUTO CLINI	42 LOWELL ST	MA SHWS, MA LUST, MA RELEASE, MA SPILLS	Higher	3685, 0.698, WNW
S103	INTERSECTION WITH SU	MYSTIC ST	MA SHWS, MA RELEASE	Lower	3706, 0.702, East
104	RIDGE ST	32 TERESA CIR	MA SHWS, MA LAST, MA RELEASE	Higher	3741, 0.709, North
S105	ARLINGTON PUBLIC SAF	113 MYSTIC STREET	MA SHWS, MA RELEASE	Lower	3788, 0.717, East
106	TELEPHONE POLE AND C	MASSACHUSETTS AVE AN	MA SHWS, MA RELEASE	Lower	3790, 0.718, ESE
T107	NSTAR STATION 59	88 MYSTIC ST	MA SHWS, MA RELEASE	Lower	3841, 0.727, East
108	PROPERTY	70 BOW ST	MA SHWS, MA RELEASE	Higher	3869, 0.733, WNW
109	ARLINGTON GAS LIGHT	SACHEM AVE	EDR MGP	Lower	3914, 0.741, East
T110	NO LOCATION AID	81 MYSTIC ST	MA SHWS, MA LUST, MA RELEASE	Lower	4044, 0.766, East
111	BRACKETT SCHOOL	EASTERN AVE	MA SHWS, MA LUST, MA RELEASE	Higher	4074, 0.772, SW
112	NO LOCATION AID	76 BRANTWOOD RD	MA SHWS, MA LAST, MA RELEASE	Higher	4096, 0.776, South
113	FIRE STATION	PARK AVE	MA SHWS, MA RELEASE, MA SPILLS	Higher	4189, 0.793, WSW
114	NO LOCATION AID	2 CHAPMAN ST	MA SHWS, MA RELEASE	Lower	4348, 0.823, SSE
115	DR AND MRS CHARLES H	7 ARROWHEAD LN	MA SHWS, MA RELEASE	Higher	4361, 0.826, NNE
116	NO LOCATION AID	52 HILLSDALE RD	MA SHWS, MA RELEASE, MA ASBESTOS	Higher	4377, 0.829, South
U117	PROPERTY	444 MASSACHUSETTS AV	MA SHWS, MA RELEASE	Lower	4421, 0.837, ESE

MAPPED SITES SUMMARY

Target Property Address:
34 DUDLEY STREET
ARLINGTON, MA 02476

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
U118	NO LOCATION AID	440R MASSACHUSETTS A	MA SHWS, MA LUST, MA RELEASE	Lower	4451, 0.843, ESE
U119	MIRAK ARLINGTON CENT	424-426 430 440 MASS	MA SHWS, MA LUST, MA RELEASE	Lower	4451, 0.843, ESE
V120	PROPERTY	ML LA LOWELL ST	MA SHWS, MA RELEASE	Higher	4452, 0.843, WNW
121	TURKEY HILL WATER TA	END OF DODGE ST	MA SHWS, MA RELEASE	Higher	4512, 0.855, NNW
122	NEAR MT PLEASANT CEM	MEDFORD ST	MA SHWS, MA RELEASE	Lower	4564, 0.864, East
V123	ALPHA AUTO BODY	30 PARK AVE	RCRA-VSQG, MA SHWS, MA LUST, MA RELEASE, ICIS, US...	Higher	4575, 0.866, WNW
W124	SUNSHINE CLEANERS	40 PARK AVE	RCRA-VSQG, MA SHWS, MA RELEASE, MA ENF, MA HW GEN	Higher	4641, 0.879, WNW
V125	ROWSELLS WELDING	1 AND 9R PARK AVE	MA SHWS, MA RELEASE	Higher	4645, 0.880, WNW
W126	ARLINGTON COAL & LUM	41 PARK AVE	MA SHWS, MA UST, MA RELEASE	Higher	4676, 0.886, WNW
127	NO LOCATION AID	305 BROADWAY	MA SHWS, MA RELEASE	Lower	4693, 0.889, ESE
128	COVENTRY BUILDERS, L	19 REAR PARK AVE	MA SHWS, MA RELEASE, MA ENF	Higher	4788, 0.907, WNW
129	18 CLAREMONT AVENUE	18 CLAREMONT AVENUE	MA SHWS, MA LAST, MA RELEASE, MA ASBESTOS	Higher	5109, 0.968, West
X130	ARLINGTON SWIFTY PRI	1386 MASSACHUSETTS A	MA SHWS, MA INST CONTROL, MA RELEASE, MA HW GEN	Higher	5180, 0.981, WNW
X131	FMR ARLINGTON GAS WO	MASSACHUSETTS AVE	MA SHWS, MA RELEASE	Higher	5205, 0.986, WNW
132	RUTLEDGE RD SITE	6 RUTLEDGE RD	MA SHWS, MA LAST, MA RELEASE, MA SPILLS	Higher	5223, 0.989, SSW
133	UTILITY POLE # 863/2	NEAR 10 POND LN	MA SHWS, MA RELEASE	Lower	5240, 0.992, ESE
134	RTE 60/RTE 2	RTE 60	MA SHWS, MA RELEASE	Lower	5253, 0.995, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
DUDLEY STREET AUTO B 34 DUDLEY ST ARLINGTON, MA 02476	ECHO Registry ID: 110070254220	N/A
DUDLEY STREET AUTO B 34 DUDLEY ST ARLINGTON, MA 02476	MA HW GEN State Generator Status: VQG-MA EPA Id: MAR000515163	N/A
DUDLEY ST AUTO BODY 34R DUDLEY ST ARLINGTON, MA 02476	RCRA NonGen / NLR EPA ID:: MAD037686433 FINDS Registry ID:: 110070254220 Registry ID:: 110008403049 Registry ID:: 110008410647 ECHO Registry ID: 110008410647 Registry ID: 110008403049	MAD037686433
DUDLEY STREET AUTO B 34 DUDLEY STREET ARLINGTON, MA 02476	RCRA-VSQG EPA ID:: MAR000515163	MAR000515163

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

MA BROWNFIELDS..... Completed Brownfields Covenants Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
US CDL ..... National Clandestine Laboratory Register
MA PFAS ..... PFAS Contaminated Sites Listing

Local Land Records

MA LIENS ..... Liens Information Listing
LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
MA SPILLS 90 ..... SPILLS 90 data from FirstSearch
MA SPILLS 80 ..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
RADINFO ..... Radiation Information Database
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ..... Incident and Accident Data
CONSENT ..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV ..... Indian Reservations
FUSRAP ..... Formerly Utilized Sites Remedial Action Program
UMTRA ..... Uranium Mill Tailings Sites
LEAD SMELTERS ..... Lead Smelter Sites
US MINES ..... Mines Master Index File
ABANDONED MINES ..... Abandoned Mines
UXO ..... Unexploded Ordnance Sites
DOCKET HWC ..... Hazardous Waste Compliance Docket Listing

EXECUTIVE SUMMARY

FUELS PROGRAM ---------- EPA Fuels Program Registered Listing
MA GWDP ---------- Ground Water Discharge Permits
MA NPDES ---------- NPDES Permit Listing
MA TIER 2 ---------- Tier 2 Information Listing
MA TSD ---------- TSD Facility
MINES MRDS ---------- Mineral Resources Data System

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

MA RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
MA RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
882-892 MASSACHUSETT	882-892 MASSACHUSETT	SSE 1/8 - 1/4 (0.232 mi.)	M56	237

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 2

RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARLINGTON DPW FACILI	51 GROVE ST	E 0 - 1/8 (0.089 mi.)	G22	129
STOP & SHOP SUPERMAR	***905 MASSACHUSETTS AV***	***SSE 1/8 - 1/4 (0.166 mi.)***	***J37***	***175***
EPA ID:: MAC300099934				

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 5 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARLINGTON AUTOBODY &	***14 DUDLEY CT***	***W 0 - 1/8 (0.025 mi.)***	***A8***	***17***
EPA ID:: MAD066583188				
THE BIKE STOP INC	43R DUDLEY ST	NNW 0 - 1/8 (0.026 mi.)	B10	20
EPA ID:: MAR000555912				
GILS AUTO BODY INC	***960 MASSACHUSETTS AV***	***SSW 0 - 1/8 (0.110 mi.)***	***F26***	***144***
EPA ID:: MAD062166707				
BARBARA A LAWNICKI D	1068 MASSACHUSETTS A	W 1/8 - 1/4 (0.232 mi.)	L59	244
PARECK AUTOMOTIVE SE	1071 MASSACHUSETTS A	W 1/8 - 1/4 (0.233 mi.)	L60	247
EPA ID:: MAD079530929				

State- and tribal - equivalent CERCLIS

MA SHWS: Contains information on releases of oil and hazardous materials that have been reported to DEP.

A review of the MA SHWS list, as provided by EDR, and dated 07/06/2021 has revealed that there are 79 MA SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PROPERTY	***971-977 MASSACHUSETT***	***SW 0 - 1/8 (0.076 mi.)***	***F17***	***56***
Release Tracking Number: 3-0000883				
Current Status: PENNFA				
COLEMAN RD	***956 MASSACHUSETTS AV***	***SSW 0 - 1/8 (0.109 mi.)***	***H25***	***142***
Release Tracking Number: 3-0017460				
Current Status: RAO				
GETTY STATION	***251 SUMMER ST***	***NNE 1/8 - 1/4 (0.159 mi.)***	***I36***	***173***
Release Tracking Number: 3-0004488				
Current Status: RAO				
RESIDENCE	***25-27 LAUREL STREET***	***WNW 1/8 - 1/4 (0.216 mi.)***	***K45***	***202***
Release Tracking Number: 3-0031403				

Current Status: TIERI				
NO LOCATION AID	***22 MOULTON RD***	***S 1/8 - 1/4 (0.221 mi.)***	***47***	***208***
Release Tracking Number: 3-0014728 Current Status: RAO				
RESIDENCE	***29 LAUREL STREET***	***WNW 1/8 - 1/4 (0.225 mi.)***	***K49***	***211***
Release Tracking Number: 3-0031189 Current Status: TIERI				
HOMEOWNER	***25 HEMLOCK ST***	***NNE 1/8 - 1/4 (0.226 mi.)***	***50***	***216***
Release Tracking Number: 3-0026439 Current Status: RAO				
ARLINGTON TAILORING	***882-892 MASSACHUSETT***	***SSE 1/8 - 1/4 (0.232 mi.)***	***M54***	***232***
Release Tracking Number: 3-0031723 Current Status: RAONR				
COMMERCIAL PROPERTY	***882-892 MASSACHUSETT***	***SSE 1/8 - 1/4 (0.232 mi.)***	***M55***	***235***
Release Tracking Number: 3-0036739 Current Status: UNCLSS				
COMMERCIAL PROPERTY	***882-892 MASSACHUSETT***	***SSE 1/8 - 1/4 (0.232 mi.)***	***M57***	***239***
Release Tracking Number: 3-0031392 Current Status: TIERII				
POLE 83/1	***WASHINGTON ST ARLING***	***NNW 1/8 - 1/4 (0.248 mi.)***	***63***	***253***
Release Tracking Number: 3-0011921 Current Status: RAO				
OLD COLONY LANE COND	***2 OLD COLONY LN***	***WNW 1/4 - 1/2 (0.253 mi.)***	***N65***	***263***
Release Tracking Number: 3-0033282 Current Status: TIERI				
RESIDENCE	***1 OLD COLONY LANE***	***WNW 1/4 - 1/2 (0.276 mi.)***	***N68***	***284***
Release Tracking Number: 3-0029562 Current Status: TIERI				
RC REALTY TRUST	***1087-1089 MASSACHUSE***	***WNW 1/4 - 1/2 (0.277 mi.)***	***N69***	***290***
Release Tracking Number: 3-0029175 Current Status: TIERI				
R.C. REALTY TRUST	***1092 MASSACHUSETTS A***	***W 1/4 - 1/2 (0.289 mi.)***	***71***	***312***
Release Tracking Number: 3-0035141 Release Tracking Number: 3-0003999 Current Status: RAONR Current Status: TIERI				
BELOW GARAGE SLAB	***26 HOBBS CT***	***NW 1/4 - 1/2 (0.309 mi.)***	***O73***	***343***
Release Tracking Number: 3-0013090 Current Status: RAO				
PARKER RESIDENCE	***9 BONAD RD***	***SSW 1/4 - 1/2 (0.424 mi.)***	***77***	***365***
Release Tracking Number: 3-0027619 Current Status: RAO				
ED BURNS ARENA & ICE	***422 SUMMER STREET***	***NW 1/4 - 1/2 (0.432 mi.)***	***81***	***403***
Release Tracking Number: 3-0036635 Current Status: PSNC				
VILLAGE STRIPPER	***1151R MASSACHUSETTS***	***WNW 1/4 - 1/2 (0.451 mi.)***	***85***	***411***
Release Tracking Number: 3-0000213 Current Status: RAO				
ROADWAY	***14 RYDER ST***	***WNW 1/2 - 1 (0.512 mi.)***	***91***	***430***

Release Tracking Number: 3-0016659 Current Status: URAM				
HOMEOWNER Release Tracking Number: 3-0025473 Current Status: RAO	***93 CHURCHILL AVE***	***S 1/2 - 1 (0.523 mi.)***	***93***	***436***
42-24-42N 71-09-42W Release Tracking Number: 3-0022759 Current Status: RAO	***73 JASON ST***	***SSE 1/2 - 1 (0.567 mi.)***	***94***	***441***
STRATTON ELEMENTARY Release Tracking Number: 3-0019131 Current Status: RAO	***180 MOUNTAIN AVE***	***N 1/2 - 1 (0.589 mi.)***	***96***	***455***
DOYLE'S EXXON STATIO Release Tracking Number: 3-0034273 Current Status: PSNC	***483 SUMMER ST***	***NW 1/2 - 1 (0.608 mi.)***	***98***	***486***
ARLINGTON AUTO CLINI Release Tracking Number: 3-0028046 Current Status: RAO	***42 LOWELL ST***	***WNW 1/2 - 1 (0.698 mi.)***	***102***	***504***
RIDGE ST Release Tracking Number: 3-0015938 Current Status: RAO	***32 TERESA CIR***	***N 1/2 - 1 (0.709 mi.)***	***104***	***510***
PROPERTY Release Tracking Number: 3-0002626 Current Status: DEPNDS	***70 BOW ST***	***WNW 1/2 - 1 (0.733 mi.)***	***108***	***519***
BRACKETT SCHOOL Release Tracking Number: 3-0017104 Current Status: RAO	***EASTERN AVE***	***SW 1/2 - 1 (0.772 mi.)***	***111***	***541***
NO LOCATION AID Release Tracking Number: 3-0010409 Current Status: RAO	***76 BRANTWOOD RD***	***S 1/2 - 1 (0.776 mi.)***	***112***	***545***
FIRE STATION Release Tracking Number: 3-0002009 Current Status: PENNFA	***PARK AVE***	***WSW 1/2 - 1 (0.793 mi.)***	***113***	***550***
DR AND MRS CHARLES H Release Tracking Number: 3-0021235 Current Status: RAO	***7 ARROWHEAD LN***	***NNE 1/2 - 1 (0.826 mi.)***	***115***	***552***
NO LOCATION AID Release Tracking Number: 3-0029606 Current Status: RAO	***52 HILLSDALE RD***	***S 1/2 - 1 (0.829 mi.)***	***116***	***555***
PROPERTY Release Tracking Number: 3-0000678 Current Status: PENNFA	***ML LA LOWELL ST***	***WNW 1/2 - 1 (0.843 mi.)***	***V120***	***566***
TURKEY HILL WATER TA Release Tracking Number: 3-0024949 Current Status: RAO	***END OF DODGE ST***	***NNW 1/2 - 1 (0.855 mi.)***	***121***	***567***
ALPHA AUTO BODY Release Tracking Number: 3-0014668 Current Status: RAO	***30 PARK AVE***	***WNW 1/2 - 1 (0.866 mi.)***	***V123***	***570***
SUNSHINE CLEANERS Release Tracking Number: 3-0003838	***40 PARK AVE***	***WNW 1/2 - 1 (0.879 mi.)***	***W124***	***585***

Current Status: RAO

ROWSELLS WELDING	***1 AND 9R PARK AVE***	***WNW 1/2 - 1 (0.880 mi.)***	***V125***	***607***
Release Tracking Number: 3-0000212 Current Status: RAO				
ARLINGTON COAL & LUM	***41 PARK AVE***	***WNW 1/2 - 1 (0.886 mi.)***	***W126***	***608***
Release Tracking Number: 3-0000489 Current Status: DEPNDS				
COVENTRY BUILDERS, L	***19 REAR PARK AVE***	***WNW 1/2 - 1 (0.907 mi.)***	***128***	***612***
Release Tracking Number: 3-0024864 Current Status: RAO				
18 CLAREMONT AVENUE	***18 CLAREMONT AVENUE***	***W 1/2 - 1 (0.968 mi.)***	***129***	***620***
Release Tracking Number: 3-0036611 Current Status: UNCLSS				
ARLINGTON SWIFTY PRI	***1386 MASSACHUSETTS A***	***WNW 1/2 - 1 (0.981 mi.)***	***X130***	***625***
Release Tracking Number: 3-0013786 Current Status: RAO				
FMR ARLINGTON GAS WO	***MASSACHUSETTS AVE***	***WNW 1/2 - 1 (0.986 mi.)***	***X131***	***629***
Release Tracking Number: 3-0013215 Release Tracking Number: 3-0021091 Current Status: RAONR Current Status: RAO				
RUTLEDGE RD SITE	***6 RUTLEDGE RD***	***SSW 1/2 - 1 (0.989 mi.)***	***132***	***633***
Release Tracking Number: 3-0000560 Current Status: PENNFA				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NO LOCATION AID	***29 DUDLEY ST***	***NNE 0 - 1/8 (0.016 mi.)***	***A6***	***15***
Release Tracking Number: 3-0018101 Current Status: RAO				
PROPERTY ACROSS FROM	***51 GROVE STREET***	***E 0 - 1/8 (0.089 mi.)***	***G20***	***68***
Release Tracking Number: 3-0024242 Release Tracking Number: 3-0019754 Release Tracking Number: 3-0036164 Release Tracking Number: 3-0018405 Current Status: RAONR Current Status: RAO				
INTERSECTION - MASS	***931 MASSACHUSETTS AV***	***S 0 - 1/8 (0.112 mi.)***	***H29***	***149***
Release Tracking Number: 3-0031564 Current Status: RAO				
ADJACENT TO #53 GROV	***GROVE ST***	***ENE 0 - 1/8 (0.113 mi.)***	***G31***	***152***
Release Tracking Number: 3-0027866 Current Status: URAM				
PROPERTY	***905 MASSACHUSETTS AV***	***SSE 1/8 - 1/4 (0.166 mi.)***	***J38***	***179***
Release Tracking Number: 3-0002004 Current Status: RAO				
RESIDENTIAL	***21 LAUREL STREET***	***WNW 1/8 - 1/4 (0.210 mi.)***	***K43***	***191***
Release Tracking Number: 3-0031334 Current Status: TIERI				
ARLINGTON LITHOGRAPH	***6 SCHOULER CT***	***SE 1/8 - 1/4 (0.211 mi.)***	***J44***	***197***

Release Tracking Number: 3-0036778 Current Status: UNCLSS				
887 MASSACHUSETTS AV Release Tracking Number: 3-0033740 Current Status: DPS	***887 MASSACHUSETTS AV***	***SSE 1/8 - 1/4 (0.218 mi.)***	***M46***	***207***
ARLINGTON HIGH SCHOO Release Tracking Number: 3-0018203 Current Status: RAONR	***855-865 MASSACHUSETT***	***SE 1/8 - 1/4 (0.240 mi.)***	***62***	***250***
SUNOCO #0005-1805 Release Tracking Number: 3-0030665 Release Tracking Number: 3-0022012 Current Status: DPS Current Status: RAO	***880 MASSACHUSETTS AV***	***SSE 1/4 - 1/2 (0.251 mi.)***	***M64***	***254***
ARLINGTON HIGH SCHOO Release Tracking Number: 3-0022352 Release Tracking Number: 3-0030236 Release Tracking Number: 3-0022371 Release Tracking Number: 3-0024460 Current Status: RAO Current Status: TIER1D	***869 MASSACHUSETTS AV***	***SE 1/4 - 1/2 (0.261 mi.)***	***M66***	***266***
HODGDON NOYES BUICK Release Tracking Number: 3-0006046 Current Status: RAO	***835 MASSACHUSETTS AV***	***SE 1/4 - 1/2 (0.352 mi.)***	***76***	***357***
FORMER BRIGHAMS Release Tracking Number: 3-0030587 Release Tracking Number: 3-0030198 Release Tracking Number: 3-0030668 Release Tracking Number: 3-0000814 Release Tracking Number: 3-0022081 Current Status: RAO Current Status: DPS	***30 MILL ST***	***ESE 1/4 - 1/2 (0.431 mi.)***	***P79***	***369***
NO LOCATION AID Release Tracking Number: 3-0033707 Current Status: PSNC	***26 MILL STREET***	***ESE 1/4 - 1/2 (0.434 mi.)***	***P82***	***405***
BRIGHAMS REAR LOADIN Release Tracking Number: 3-0019499 Release Tracking Number: 3-0021092 Current Status: RAO	***42 MILL ST***	***ESE 1/4 - 1/2 (0.440 mi.)***	***P84***	***409***
NO LOCATION AID Release Tracking Number: 3-0019235 Current Status: RAO	***25 MILL ST***	***ESE 1/4 - 1/2 (0.455 mi.)***	***P86***	***413***
RESIDENCE Release Tracking Number: 3-0032645 Current Status: PSNC	***18 EDGEHILL ROAD***	***E 1/4 - 1/2 (0.499 mi.)***	***90***	***424***
NO LOCATION AID Release Tracking Number: 3-0013738 Current Status: RAO	***24 CENTRAL ST***	***ESE 1/2 - 1 (0.512 mi.)***	***92***	***431***
BUZZELL FIELD Release Tracking Number: 3-0027220 Current Status: RAO	***SUMMER ST***	***ESE 1/2 - 1 (0.586 mi.)***	***R95***	***450***
ROADWAY	***FARRINGTON ST***	***E 1/2 - 1 (0.608 mi.)***	***97***	***485***

Release Tracking Number: 3-0024297 Current Status: RAO				
NO LOCATION AID Release Tracking Number: 3-0017051 Current Status: RAO	***30 WATER ST***	***ESE 1/2 - 1 (0.618 mi.)***	***99***	***497***
ARLINGTON CATHOLIC P Release Tracking Number: 3-0028140 Current Status: RAO	***SUMMER ST***	***E 1/2 - 1 (0.625 mi.)***	***R100***	***499***
POLE #18 Release Tracking Number: 3-0012002 Current Status: RAO	***SUMMER ST MYSTIC ST***	***E 1/2 - 1 (0.692 mi.)***	***S101***	***503***
INTERSECTION WITH SU Release Tracking Number: 3-0021646 Current Status: RAO	***MYSTIC ST***	***E 1/2 - 1 (0.702 mi.)***	***S103***	***508***
ARLINGTON PUBLIC SAF Release Tracking Number: 3-0031333 Current Status: RAO	***113 MYSTIC STREET***	***E 1/2 - 1 (0.717 mi.)***	***S105***	***512***
TELEPHONE POLE AND C Release Tracking Number: 3-0018209 Current Status: RAO	***MASSACHUSETTS AVE AN***	***ESE 1/2 - 1 (0.718 mi.)***	***106***	***514***
NSTAR STATION 59 Release Tracking Number: 3-0018766 Release Tracking Number: 3-0021151 Release Tracking Number: 3-0017493 Current Status: RAO	***88 MYSTIC ST***	***E 1/2 - 1 (0.727 mi.)***	***T107***	***515***
NO LOCATION AID Release Tracking Number: 3-0018894 Current Status: RAONR	***81 MYSTIC ST***	***E 1/2 - 1 (0.766 mi.)***	***T110***	***520***
NO LOCATION AID Release Tracking Number: 3-0019841 Current Status: RAO	***2 CHAPMAN ST***	***SSE 1/2 - 1 (0.823 mi.)***	***114***	***551***
PROPERTY Release Tracking Number: 3-0000734 Current Status: DEPNFA	***444 MASSACHUSETTS AV***	***ESE 1/2 - 1 (0.837 mi.)***	***U117***	***558***
NO LOCATION AID Release Tracking Number: 3-0018089 Current Status: RAO	***440R MASSACHUSETTS A***	***ESE 1/2 - 1 (0.843 mi.)***	***U118***	***559***
MIRAK ARLINGTON CENT Release Tracking Number: 3-0003376 Current Status: WCSPRM	***424-426 430 440 MASS***	***ESE 1/2 - 1 (0.843 mi.)***	***U119***	***564***
NEAR MT PLEASANT CEM Release Tracking Number: 3-0016705 Current Status: URAM	***MEDFORD ST***	***E 1/2 - 1 (0.864 mi.)***	***122***	***568***
NO LOCATION AID Release Tracking Number: 3-0012170 Current Status: RAO	***305 BROADWAY***	***ESE 1/2 - 1 (0.889 mi.)***	***127***	***610***
UTILITY POLE # 863/2 Release Tracking Number: 3-0025750 Current Status: RAO	***NEAR 10 POND LN***	***ESE 1/2 - 1 (0.992 mi.)***	***133***	***635***
RTE 60/RTE 2	***RTE 60***	***S 1/2 - 1 (0.995 mi.)***	***134***	***636***

Release Tracking Number: 3-0011938
Current Status: RAO

State and tribal landfill and/or solid waste disposal site lists

MA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Protection's Solid Waste Facility Database/Transfer Stations.

A review of the MA SWF/LF list, as provided by EDR, has revealed that there is 1 MA SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PROPERTY ACROSS FROM	***51 GROVE STREET***	***E 0 - 1/8 (0.089 mi.)***	***G20***	***68***
Database: SWF/LF, Date of Government Version: 01/14/2020				
Current Operational Status: Closed				

State and tribal leaking storage tank lists

MA LAST: The Leaking Aboveground Storage Tanks database

A review of the MA LAST list, as provided by EDR, and dated 07/06/2021 has revealed that there are 6 MA LAST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOMEOWNER	***25 HEMLOCK ST***	***NNE 1/8 - 1/4 (0.226 mi.)***	***50***	***216***
Release Tracking Number / Current Status: 3-0026439 / RAO				
NO LOCATION AID	***159 SUMMER ST***	***E 1/8 - 1/4 (0.228 mi.)***	***51***	***226***
Release Tracking Number / Current Status: 3-0025592 / RAO				
RESIDENTIAL GROUP HO	***44 SCHOOL ST***	***WSW 1/4 - 1/2 (0.280 mi.)***	***70***	***298***
Release Tracking Number / Current Status: 3-0027857 / PSNC				
R.C. REALTY TRUST	***1092 MASSACHUSETTS A***	***W 1/4 - 1/2 (0.289 mi.)***	***71***	***312***
Release Tracking Number / Current Status: 3-0003999 / TIERI				
RESIDENCE	***16 FABYAN ST***	***NNW 1/4 - 1/2 (0.491 mi.)***	***89***	***419***
Release Tracking Number / Current Status: 3-0029270 / RAO				

Lower Elevation	Address	Direction / Distance	Map ID	Page
RESIDENCE	***18 EDGEHILL ROAD***	***E 1/4 - 1/2 (0.499 mi.)***	***90***	***424***
Release Tracking Number / Current Status: 3-0032645 / PSNC				

EXECUTIVE SUMMARY

MA LUST: Sites within the Releases Database that have a UST listed as its source.

A review of the MA LUST list, as provided by EDR, and dated 07/06/2021 has revealed that there are 17 MA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUDLEY FUEL COMPANY	***9 DUDLEY ST***	***W 0 - 1/8 (0.058 mi.)***	***E16***	***40***
Release Tracking Number / Current Status: 3-0017599 / RAONR				
Release Tracking Number / Current Status: 3-0017565 / RAO				
ARLINGTON SHELL	***934 MASSACHUSETTS AV***	***S 1/8 - 1/4 (0.128 mi.)***	***H33***	***155***
Release Tracking Number / Current Status: 3-0002768 / RAO				
Release Tracking Number / Current Status: 3-0029531 / RAO				
ANDERSON & SONS INC	***895-901 MASSACHUSETT***	***SSE 1/8 - 1/4 (0.203 mi.)***	***J42***	***188***
Release Tracking Number / Current Status: 3-0012118 / RAO				
SYMMES HOSPITAL	***HOSPITAL RD***	***NE 1/4 - 1/2 (0.275 mi.)***	***67***	***272***
Release Tracking Number / Current Status: 3-0010969 / RAO				
RC REALTY TRUST	***1087-1089 MASSACHUSE***	***WNW 1/4 - 1/2 (0.277 mi.)***	***N69***	***290***
Release Tracking Number / Current Status: 3-0029175 / TIERI				
BACK OF GARAGE	***26 HOBBES CT***	***NW 1/4 - 1/2 (0.309 mi.)***	***O72***	***339***
Release Tracking Number / Current Status: 3-0011482 / RAO				
BELOW GARAGE SLAB	***26 HOBBS CT***	***NW 1/4 - 1/2 (0.309 mi.)***	***O73***	***343***
Release Tracking Number / Current Status: 3-0011481 / RAO				
COMMERCIAL PROPERTY	***20 HOBBS CT***	***WNW 1/4 - 1/2 (0.325 mi.)***	***74***	***348***
Release Tracking Number / Current Status: 3-0002867 / RAO				
BROWN AUTOMOTIVE SER	***1116 MASSACHUSETTS A***	***WNW 1/4 - 1/2 (0.345 mi.)***	***75***	***350***
Release Tracking Number / Current Status: 3-0000697 / RAO				
RAAB RESIDENCE	***117 GRAY ST***	***S 1/4 - 1/2 (0.429 mi.)***	***78***	***367***
Release Tracking Number / Current Status: 3-0019829 / RAO				
MIRAK CHEVROLET	***1165-67R MASSACHUSET***	***WNW 1/4 - 1/2 (0.438 mi.)***	***83***	***407***
Release Tracking Number / Current Status: 3-0002610 / RAO				
HYDRO GROUP INC	***15 RYDER ST***	***NW 1/4 - 1/2 (0.484 mi.)***	***Q88***	***415***
Release Tracking Number / Current Status: 3-0002522 / WCSPRM				

Lower Elevation	Address	Direction / Distance	Map ID	Page
E S JOHNSON CONST CO	***50 GROVE ST***	***E 0 - 1/8 (0.081 mi.)***	***G18***	***57***
Release Tracking Number / Current Status: 3-0004317 / RAO				
Release Tracking Number / Current Status: 3-0011771 / RAO				
PROPERTY ACROSS FROM	***51 GROVE STREET***	***E 0 - 1/8 (0.089 mi.)***	***G20***	***68***
Release Tracking Number / Current Status: 3-0004241 / REMOPS				
SUNOCO #0005-1805	***880 MASSACHUSETTS AV***	***SSE 1/4 - 1/2 (0.251 mi.)***	***M64***	***254***
Release Tracking Number / Current Status: 3-0021658 / RAO				
HODGDON NOYES BUICK	***835 MASSACHUSETTS AV***	***SE 1/4 - 1/2 (0.352 mi.)***	***76***	***357***
Release Tracking Number / Current Status: 3-0006046 / RAO				
FORMER BRIGHAMS	***30 MILL ST***	***ESE 1/4 - 1/2 (0.431 mi.)***	***P79***	***369***
Release Tracking Number / Current Status: 3-0014989 / RAO				
Release Tracking Number / Current Status: 3-0017697 / RAO				

State and tribal registered storage tank lists

MA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's Summary Listing of all the Tanks Registered in the State of Massachusetts.

A review of the MA UST list, as provided by EDR, and dated 07/09/2021 has revealed that there are 7 MA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUDLEY FUEL COMPANY Tank Status: Tank Removed Facility Id: 261	***9 DUDLEY ST***	***W 0 - 1/8 (0.058 mi.)***	***E16***	***40***
ARLINGTON SHELL Tank Status: Tank Removed Tank Status: In Use Facility Id: 252	***934 MASSACHUSETTS AV***	***S 1/8 - 1/4 (0.128 mi.)***	***H33***	***155***
MCDERMOTTROE BROS GE Tank Status: In Use Facility Id: 10056	***251 SUMMER ST***	***NNE 1/8 - 1/4 (0.159 mi.)***	***I34***	***168***
MWRA - BRATTLE COURT Tank Status: In Use Tank Status: Tank Removed Facility Id: 40562	***18 BRATTLE CT***	***WNW 1/8 - 1/4 (0.183 mi.)***	***K39***	***180***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILFRED BROTHERS WOO Tank Status: Tank Removed Facility Id: 1278	22 PRENTISS RD	SSW 0 - 1/8 (0.032 mi.)	D13	26
E S JOHNSON CONST CO Tank Status: Tank Removed Facility Id: 241	***50 GROVE ST***	***E 0 - 1/8 (0.081 mi.)***	***G18***	***57***
TOWN OF ARLINGTON PW Tank Status: Tank Removed Tank Status: In Use Facility Id: 974	***51 GROVE ST***	***E 0 - 1/8 (0.089 mi.)***	***G21***	***126***

MA AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Protection's Summary Listing of all the Tanks Registered in the State of Massachusetts.

A review of the MA AST list, as provided by EDR, has revealed that there are 3 MA AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARLINGTON SHELL Database: AST, Date of Government Version: 03/23/2021	***934 MASSACHUSETTS AV***	***S 1/8 - 1/4 (0.128 mi.)***	***H33***	***155***
MCDERMOTTROE BROS GE Database: AST, Date of Government Version: 03/23/2021	***251 SUMMER ST***	***NNE 1/8 - 1/4 (0.159 mi.)***	***I34***	***168***

Release Tracking Number: 10056

Lower Elevation	Address	Direction / Distance	Map ID	Page
PROPERTY ACROSS FROM	***51 GROVE STREET***	***E 0 - 1/8 (0.089 mi.)***	***G20***	***68***

Database: AST, Date of Government Version: 03/23/2021

State and tribal institutional control / engineering control registries

MA INST CONTROL: Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

A review of the MA INST CONTROL list, as provided by EDR, and dated 07/06/2021 has revealed that there are 2 MA INST CONTROL sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PROPERTY ACROSS FROM	***51 GROVE STREET***	***E 0 - 1/8 (0.089 mi.)***	***G20***	***68***
Release Tracking Number: 3-0004241				
FORMER BRIGHAMS	***30 MILL ST***	***ESE 1/4 - 1/2 (0.431 mi.)***	***P79***	***369***
Release Tracking Number: 3-0017697				
Release Tracking Number: 3-0030668				
Release Tracking Number: 3-0000814				

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there are 8 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUDLEY AUTOMOTIVE SE	***9 DUDLEY STREET PL***	***W 0 - 1/8 (0.058 mi.)***	***E15***	***28***
EPA ID:: MAD038332714				
MIRAK LINCOLN MERCUR	***956 MASSACHUSETTS AV***	***SSW 0 - 1/8 (0.109 mi.)***	***H24***	***133***
EPA ID:: MAD152164679				
MCDERMOTTROE BROS GE	***251 SUMMER ST***	***NNE 1/8 - 1/4 (0.159 mi.)***	***I34***	***168***
EPA ID:: MAD985273937				
MWRA BRATTLE COURT P	18 BRATTLE CT	WNW 1/8 - 1/4 (0.183 mi.)	K40	183
EPA ID:: MAR000520569				
ARLINGTON GRAPHICS I	***1050 MASSACHUSETTS A***	***W 1/8 - 1/4 (0.203 mi.)***	***L41***	***185***

EPA ID:: MAD982545402

FRESH TOUCH CLEANERS EPA ID:: MAD072467087	***882 MASSACHUSETTS AV***	***SSE 1/8 - 1/4 (0.232 mi.)***	***M53***	***229***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILFERT BROTHERS WOO EPA ID:: MAD001039411	***22 PRENTISS RD***	***SSW 0 - 1/8 (0.032 mi.)***	***D12***	***23***
51 GROVE ST REMEDIAT EPA ID:: MAC300005824	51 GROVE ST	E 0 - 1/8 (0.089 mi.)	G19	64

MA DRYCLEANERS: A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

A review of the MA DRYCLEANERS list, as provided by EDR, and dated 07/09/2021 has revealed that there is 1 MA DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARLINGTON CLEANERS Facility Id: 387352	888 MASSACHUSETTS AV	SSE 1/8 - 1/4 (0.224 mi.)	M48	210

MA HW GEN: Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

A review of the MA HW GEN list, as provided by EDR, and dated 06/17/2021 has revealed that there are 15 MA HW GEN sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUMMER STREET GETTY State Generator Status: VQG-MA EPA Id: MV7816489751	36 DUDLEY ST	NNW 0 - 1/8 (0.003 mi.)	A5	15
THE BIKE STOP INC State Generator Status: VQG-MA EPA Id: MAR000555912	43R DUDLEY ST	NNW 0 - 1/8 (0.026 mi.)	B9	20
DUDLEY FUEL COMPANY EPA Id: MAD038332714	***9 DUDLEY ST***	***W 0 - 1/8 (0.058 mi.)***	***E16***	***40***
COLEMAN RD State Generator Status: LQG-MA EPA Id: MAD152164679	***956 MASSACHUSETTS AV***	***SSW 0 - 1/8 (0.109 mi.)***	***H25***	***142***
GREY-PATTI AUTOMOTIV State Generator Status: VQG-MA EPA Id: MAD062166707	960 MASSACHUSETTS AV	SSW 0 - 1/8 (0.110 mi.)	F28	149
CW FUELS State Generator Status: VQG-MA EPA Id: MV6179083847	251 SUMMER ST	NNE 1/8 - 1/4 (0.159 mi.)	I35	173
MWRA - BRATTLE COURT State Generator Status: VQG-MA EPA Id: MAR000520569	***18 BRATTLE CT***	***WNW 1/8 - 1/4 (0.183 mi.)***	***K39***	***180***
882-892 MASSACHUSETT	882-892 MASSACHUSETT	SSE 1/8 - 1/4 (0.232 mi.)	M52	229

State Generator Status: LQG-MA EPA Id: MAR000588871				
BARBARA A LAWNICKI D State Generator Status: VQG-MA EPA Id: MAR000582635	1068 MASSACHUSETTS A	W 1/8 - 1/4 (0.232 mi.)	L58	244
PARECK AUTOMOTIVE SE State Generator Status: VQG-MA EPA Id: MAD079530929	1071 MASSACHUSETTS A	W 1/8 - 1/4 (0.233 mi.)	L61	250

Lower Elevation	Address	Direction / Distance	Map ID	Page
OXBOW PARTNERS State Generator Status: VQG-MA EPA Id: MV7818627521	23 DUDLEY ST	NE 0 - 1/8 (0.026 mi.)	C11	23
ARLINGTON AUTOBODY & EPA Id: MAD066583188	14 DUDLEY CT	E 0 - 1/8 (0.033 mi.)	C14	28
PROPERTY ACROSS FROM EPA Id: MAR000579227	***51 GROVE STREET***	***E 0 - 1/8 (0.089 mi.)***	***G20***	***68***
PROPERTY State Generator Status: VQG-MA EPA Id: MAC300099934	***905 MASSACHUSETTS AV***	***SSE 1/8 - 1/4 (0.166 mi.)***	***J38***	***179***
ARLINGTON LITHOGRAPH EPA Id: MV6176468815	***6 SCHOULER CT***	***SE 1/8 - 1/4 (0.211 mi.)***	***J44***	***197***

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TECH ALTERNATIVES EPA ID: MAP000011699	75 DUDLEY STREET	NW 0 - 1/8 (0.117 mi.)	32	154

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 12/31/2019 has revealed that there are 2 RI MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUDLEY AUTOMOTIVE SE EPA Id: MAD038332714 Manifest Document Number: RIG0291876	***9 DUDLEY STREET PL***	***W 0 - 1/8 (0.058 mi.)***	***E15***	***28***
MIRAK LINCOLN MERCUR EPA Id: MAD152164679 Manifest Document Number: RIG0043815	***956 MASSACHUSETTS AV***	***SSW 0 - 1/8 (0.109 mi.)***	***H24***	***133***

MA MERCURY: A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

A review of the MA MERCURY list, as provided by EDR, and dated 06/22/2021 has revealed that there are 2 MA MERCURY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RECYCLING CENTER	33 RYDER STREET	NW 1/4 - 1/2 (0.462 mi.)	Q87	415

Lower Elevation	Address	Direction / Distance	Map ID	Page
24 MILL ST	***24 MILL ST***	***ESE 1/4 - 1/2 (0.431 mi.)***	***P80***	***402***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER ARLINGTON GAS	MASSACHUSETTS AVE AN	E 0 - 1/8 (0.112 mi.)	G30	152
ARLINGTON GAS LIGHT	SACHEM AVE	E 1/2 - 1 (0.741 mi.)	109	520

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARLINGTON AUTO BODY	14 DUDLEY COURT	W 0 - 1/8 (0.025 mi.)	A7	17
GILS AUTO BODY	960 MASS AVE	SSW 0 - 1/8 (0.110 mi.)	F27	148

EXECUTIVE SUMMARY

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

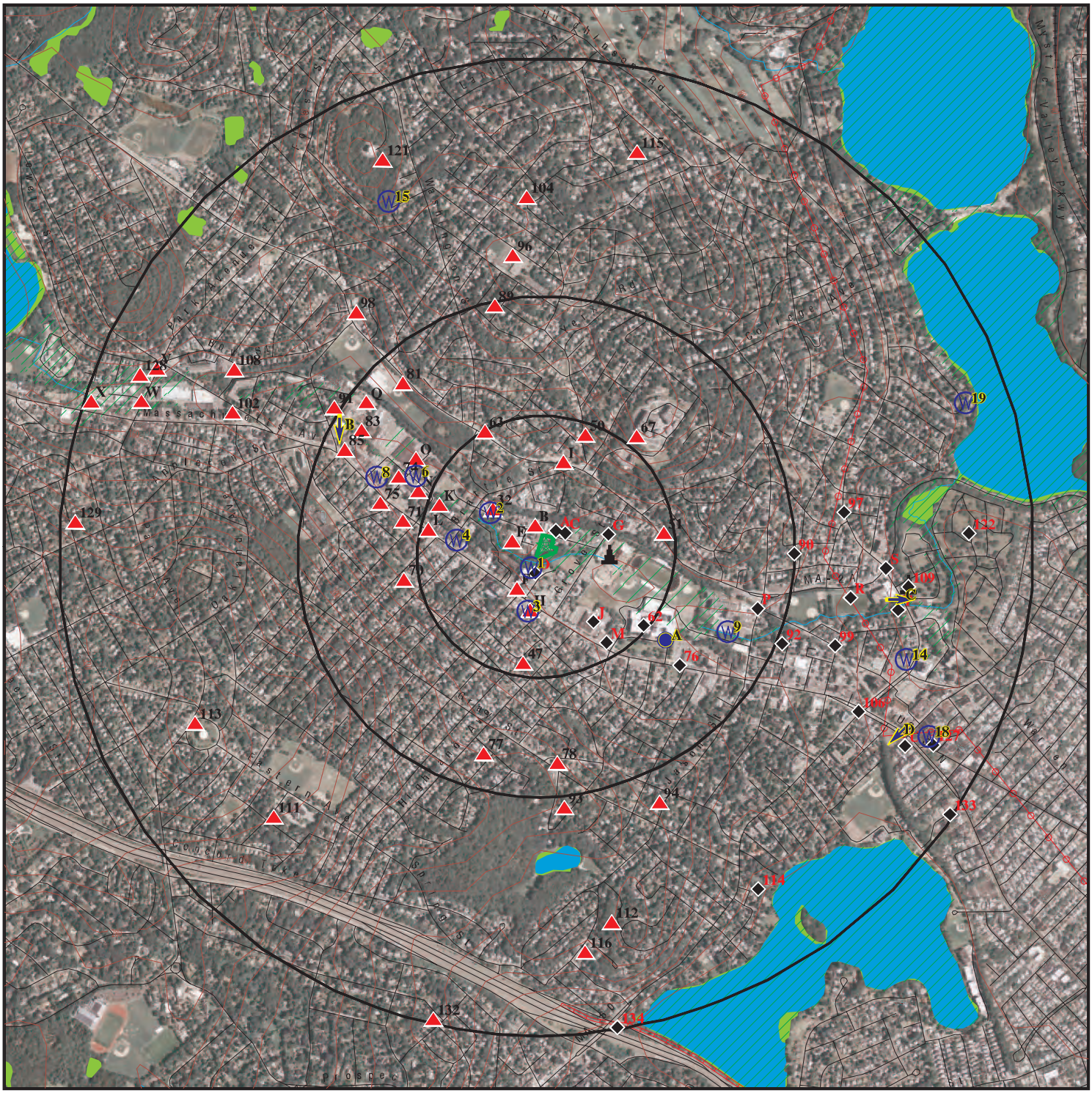
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ACE CLEANERS INC	968 MASSACHUSETTS AV	SSW 0 - 1/8 (0.090 mi.)	F23	132

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
NO LOCATION AID	MA SHWS, MA LUST, MA RELEASE
STREET INTERSECTION	MA SHWS, MA RELEASE
ROADWAY UTILITY VAULT	MA SHWS, MA RELEASE
NO LOCATION AID	MA SHWS, MA RELEASE
NEAR WILDWOOD APTS	MA SHWS, MA RELEASE
ROBINHOOD COURT	MA SHWS, MA RELEASE
BRIGHTON ST. INTERSECTION	MA SHWS, MA RELEASE
ARLINGTON SUMMER STREET LANDFILL	MA SWF/LF
NO LOCATION AID	MA LUST, MA RELEASE

OVERVIEW MAP - 6684764.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

0 1/4 1/2 1 Miles

- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Critical Environmental Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	34 Dudley Street	CLIENT:	The Vertex Companies, Inc.	
ADDRESS:	34 Dudley Street Arlington MA 02476	CONTACT:	Courtney Ciapciak	566 of 1740
LAT/LONG:	42.420437 / 71.166122	INQUIRY #:	6684764.2s	
		DATE:	September 30, 2021 2:35 pm	

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DETAIL MAP - 6684764.2S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	34 Dudley Street	CLIENT:	The Vertex Companies, Inc.
ADDRESS:	34 Dudley Street Arlington MA 02476	CONTACT:	Courtney Ciapciak
LAT/LONG:	42.420437 / 71.166122	INQUIRY #:	6684764.2s
		DATE:	September 30, 2021 2:38 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		1	1	NR	NR	NR	2
RCRA-VSQG	0.250	1	3	2	NR	NR	NR	6
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
MA SHWS	1.000		6	14	16	43	NR	79
State and tribal landfill and/or solid waste disposal site lists								
MA SWF/LF	0.500		1	0	0	NR	NR	1
State and tribal leaking storage tank lists								
MA LAST	0.500		0	2	4	NR	NR	6
MA LUST	0.500		3	2	12	NR	NR	17
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MA UST	0.250		4	3	NR	NR	NR	7
MA AST	0.250		1	2	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MA INST CONTROL	0.500		1	0	1	NR	NR	2
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
MA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
MA PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
MA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
MA RELEASE	TP		NR	NR	NR	NR	NR	0
MA SPILLS	TP		NR	NR	NR	NR	NR	0
MA SPILLS 90	TP		NR	NR	NR	NR	NR	0
MA SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	4	4	NR	NR	NR	9
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	2	NR	NR	NR	NR	NR	2
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
MA AIRS	TP		NR	NR	NR	NR	NR	0
MA ASBESTOS	TP		NR	NR	NR	NR	NR	0
MA DRYCLEANERS	0.250		0	1	NR	NR	NR	1
MA ENF	TP		NR	NR	NR	NR	NR	0
MA Financial Assurance	TP		NR	NR	NR	NR	NR	0
MA GWDP	TP		NR	NR	NR	NR	NR	0
MA HW GEN	0.250	1	8	7	NR	NR	NR	16
NY MANIFEST	0.250		1	0	NR	NR	NR	1
RI MANIFEST	0.250		2	0	NR	NR	NR	2
MA MERCURY	0.500		0	0	2	NR	NR	2
MA NPDES	TP		NR	NR	NR	NR	NR	0
MA TIER 2	TP		NR	NR	NR	NR	NR	0
MA TSD	0.500		0	0	0	NR	NR	0
MA UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		1	0	0	1	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
MA RGA HWS	TP		NR	NR	NR	NR	NR	0
MA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		6	39	39	35	44	0	163

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **DUDLEY STREET AUTO BODY** **ECHO** **1024147719**
Target Property **34 DUDLEY ST** **N/A**
ARLINGTON, MA 02476

Site 1 of 8 in cluster A

Actual: 80 ft.

ECHO:

Envid:	1024147719
Registry ID:	110070254220
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070254220
Name:	DUDLEY STREET AUTO BODY
Address:	34 DUDLEY ST
City,State,Zip:	ARLINGTON, MA 02476

A2 **DUDLEY STREET AUTO BODY** **MA HW GEN** **S122886679**
Target Property **34 DUDLEY ST** **N/A**
ARLINGTON, MA 02476

Site 2 of 8 in cluster A

Actual: 80 ft.

HW GEN:

Name:	DUDLEY STREET AUTO BODY
Address:	34 DUDLEY ST
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MAR000515163
RCRA Generator Status:	VSQG
State Generator Status:	VQG-MA

A3 **DUDLEY ST AUTO BODY** **RCRA NonGen / NLR** **1000373302**
Target Property **34R DUDLEY ST** **FINDS** **MAD037686433**
ARLINGTON, MA 02476 **ECHO**

Site 3 of 8 in cluster A

Actual: 80 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		1983-12-22 00:00:00.0
Handler Name:	KENS AUTO REPAIR	
Handler Address:		34 DUDLEY ST
Handler City,State,Zip:		ARLINGTON, MA 02174
EPA ID:		MAD037686433
Contact Name:		KENNETH WALSH
Contact Address:		34R DUDLEY ST
Contact City,State,Zip:		ARLINGTON, MA 02174
Contact Telephone:		617-643-3100
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		01
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		MA
State District:		N
Mailing Address:		34R DUDLEY ST
Mailing City,State,Zip:		ARLINGTON, MA 02174

DUDLEY ST AUTO BODY (Continued) **1000373302**

Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	KENS AUTO REPAIR
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:10:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

DUDLEY ST AUTO BODY (Continued) **1000373302**

Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KENS AUTO REPAIR
Legal Status: Private
Date Became Current: 1990-03-01 00:00:00.
Date Ended Current: 1991-06-30 00:00:00.
Owner/Operator Address: 34R DUDLEY ST
Owner/Operator City,State,Zip: ARLINGTON, MA 02174
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1983-12-22 00:00:00.0
Handler Name: KENS AUTO REPAIR
Federal Waste Generator Description: Not a generator, verified
State District Owner: MA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

DUDLEY ST AUTO BODY (Continued) **1000373302**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008403049

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System
Registry ID: 110008410647

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System
Registry ID: 110070254220

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000373302
Registry ID: 110008410647

DUDLEY ST AUTO BODY (Continued) **1000373302**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008410647
Name: DUDLEY ST AUTO BODY
Address: 34R DUDLEY ST
City,State,Zip: ARLINGTON, MA 02476

Envid: 1000373302
Registry ID: 110008403049
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008403049
Name: KENS AUTO REPAIR
Address: 34 DUDLEY ST
City,State,Zip: ARLINGTON, MA 02174

A4 Target Property **DUDLEY STREET AUTO BODY** **RCRA-VSQG** **1024881147**
34 DUDLEY STREET **MAR000515163**
ARLINGTON, MA 02476

Site 4 of 8 in cluster A

Actual: 80 ft.

RCRA-VSQG:

Date Form Received by Agency:	2018-06-20 00:00:00.0
Handler Name:	DUDLEY STREET AUTO BODY
Handler Address:	34 DUDLEY STREET
Handler City,State,Zip:	ARLINGTON, MA 02476
EPA ID:	MAR000515163
Contact Name:	MICHAEL HYNES
Contact Address:	DUDLEY STREET
Contact City,State,Zip:	ARLINGTON, MA 02476
Contact Telephone:	781-648-0805
Contact Fax:	Not reported
Contact Email:	MIKE@DUDLEYSTREETAUTO.COM
Contact Title:	GENERAL MANAGER
EPA Region:	01
Land Type:	Federal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, State-specific Activities
State District Owner:	MA
State District:	NE
Mailing Address:	DUDLEY STREET
Mailing City,State,Zip:	ARLINGTON, MA 02476
Owner Name:	MICHAEL J HYNES
Owner Type:	Federal
Operator Name:	MICHAEL J HYNES
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

DUDLEY STREET AUTO BODY (Continued) **1024881147**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-07-05 16:16:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

DUDLEY STREET AUTO BODY (Continued) **1024881147**

MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL J HYNES
Legal Status:	Federal
Date Became Current:	2018-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16 FURBER LANE
Owner/Operator City,State,Zip:	NEWTON CENTER, MA 02459
Owner/Operator Telephone:	617-699-1616
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MHYNES@HYNESAUTO.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MICHAEL J HYNES
Legal Status:	Federal
Date Became Current:	2018-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16 FURBER LANE
Owner/Operator City,State,Zip:	NEWTON CENTER, MA 02459
Owner/Operator Telephone:	617-699-1616
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	MHYNES@HYNESAUTO.COM

Historic Generators:

Receive Date:	2018-06-20 00:00:00.0
Handler Name:	DUDLEY STREET AUTO BODY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:
NAICS Code: 562112
NAICS Description: HAZARDOUS WASTE COLLECTION

Facility Has Received Notices of Violations:

DUDLEY STREET AUTO BODY (Continued) **1024881147**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A5 **SUMMER STREET GETTY** **MA HW GEN** **S121826872**
NNW **36 DUDLEY ST** **N/A**
< 1/8 **ARLINGTON, MA 02474**
0.003 mi.
14 ft. **Site 5 of 8 in cluster A**

Relative: Higher
Actual: 82 ft.

HW GEN:
Name: SUMMER STREET GETTY
Address: 36 DUDLEY ST
City,State,Zip: ARLINGTON, MA 02474
EPA Id: MV7816489751
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

A6 **NO LOCATION AID** **MA SHWS** **S103812165**
NNE **29 DUDLEY ST** **MA RELEASE** **N/A**
< 1/8 **ARLINGTON, MA 02476**
0.016 mi.
82 ft. **Site 6 of 8 in cluster A**

Relative: Lower
Actual: 75 ft.

SHWS:
Name: NO LOCATION AID
Address: 29 DUDLEY ST
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0018101
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 03/19/1999
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 12/03/1999
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil and Hazardous Material

Release:
Name: NO LOCATION AID
Address: 29 DUDLEY ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0018101 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 03/19/1999
Category: 120 DY
Status Date: 12/03/1999
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

NO LOCATION AID (Continued) **S103812165**

Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 12/2/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 12/3/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 3/19/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/19/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/11/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/14/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/21/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 12000 milligrams per kilogram
Chemical: 2-METHYLNAPHTHALENE
Quantity: 23 milligrams per kilogram
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity: 35000 milligrams per kilogram
Chemical: ACENAPHTHENE
Quantity: 54 milligrams per kilogram

NO LOCATION AID (Continued) **S103812165**

Chemical:	BENZO[A]ANTHRACENE
Quantity:	4.7 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	3500 milligrams per kilogram

A7 **ARLINGTON AUTO BODY & BRAKE*** **EDR Hist Auto** **1021284533**
West **14 DUDLEY COURT** **N/A**
< 1/8 **ARLINGTON, MA 02174**
0.025 mi.
133 ft. **Site 7 of 8 in cluster A**

Relative: EDR Hist Auto
Higher

Actual: **83 ft.**

Year:	Name:	Type:
1978	ARLINGTON AUTO BODY & BRAKE*	General Automotive Repair Shops
1979	ARLINGTON AUTO BODY & BRAKE*	General Automotive Repair Shops
1980	ARLINGTON AUTO BODY & BRAKE*	General Automotive Repair Shops
1982	ARLINGTON AUTO BODY BR INC	Gasoline Service Stations
1983	ARLINGTON AUTO BODY BR INC	Gasoline Service Stations

A8 **ARLINGTON AUTOBODY & BRAKE INC** **RCRA-VSQG** **1004715944**
West **14 DUDLEY CT** **FINDS** **MAD066583188**
< 1/8 **ARLINGTON, MA 02174** **ECHO**
0.025 mi.
133 ft. **Site 8 of 8 in cluster A**

Relative: RCRA-VSQG:
Higher

Actual: **83 ft.**

Date Form Received by Agency:	1983-12-22 00:00:00.0
Handler Name:	ARLINGTON AUTOBODY & BRAKE INC
Handler Address:	14 DUDLEY CT
Handler City,State,Zip:	ARLINGTON, MA 02174
EPA ID:	MAD066583188
Contact Name:	DOUG TOCIO
Contact Address:	14 DUDLEY COURT
Contact City,State,Zip:	ARLINGTON, MA 02174
Contact Telephone:	617-648-9580
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	MA
State District:	N
Mailing Address:	14 DUDLEY COURT
Mailing City,State,Zip:	ARLINGTON, MA 02174
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	ARLINGTON AUTOBODY & BRAKE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

ARLINGTON AUTOBODY & BRAKE INC (Continued) **1004715944**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:12:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:
Waste Code: D001

ARLINGTON AUTOBODY & BRAKE INC (Continued) **1004715944**

Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARLINGTON AUTOBODY & BRAKE INC
Legal Status:	Private
Date Became Current:	1991-12-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14 DUDLEY COURT
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1983-12-22 00:00:00.0
Handler Name:	ARLINGTON AUTOBODY & BRAKE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

ARLINGTON AUTOBODY & BRAKE INC (Continued) **1004715944**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008405369

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004715944
Registry ID:	110008405369
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008405369
Name:	ARLINGTON AUTOBODY & BRAKE INC
Address:	14 DUDLEY CT
City,State,Zip:	ARLINGTON, MA 02476

B9 **THE BIKE STOP INC** **MA HW GEN** **S122485416**
NNW **43R DUDLEY ST** **N/A**
< 1/8 **ARLINGTON, MA 02476**
0.026 mi.
135 ft. **Site 1 of 2 in cluster B**

Relative: Higher
Actual: 87 ft.

HW GEN:

Name:	THE BIKE STOP INC
Address:	43R DUDLEY ST
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MAR000555912
RCRA Generator Status:	VSQG
State Generator Status:	VQG-MA

B10 **THE BIKE STOP INC** **RCRA-VSQG** **1025503099**
NNW **43R DUDLEY ST** **MAR000555912**
< 1/8 **ARLINGTON, MA 02476**
0.026 mi.
135 ft. **Site 2 of 2 in cluster B**

Relative: Higher
Actual: 87 ft.

RCRA-VSQG:

Date Form Received by Agency:		2019-05-07 00:00:00.0
Handler Name:	THE BIKE STOP INC	
Handler Address:		43R DUDLEY ST
Handler City,State,Zip:		ARLINGTON, MA 02476
EPA ID:		MAR000555912

THE BIKE STOP INC (Continued) **1025503099**

Contact Name:	RUSSELL J LEBEL
Contact Address:	DUDLEY ST
Contact City,State,Zip:	ARLINGTON, MA 02476
Contact Telephone:	781-646-7867
Contact Fax:	Not reported
Contact Email:	THEBIKESTOP@GMAIL.COM
Contact Title:	OWNER
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	MA
State District:	NE
Mailing Address:	DUDLEY ST
Mailing City,State,Zip:	ARLINGTON, MA 02476
Owner Name:	RUSSELL LEBEL
Owner Type:	Private
Operator Name:	RUSSELL LEBEL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

THE BIKE STOP INC (Continued) **1025503099**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-05-07 14:17:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	Yes
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL LEBEL
Legal Status:	Private
Date Became Current:	2006-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	43R DUDLEY ST
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	781-646-7867
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	THEBIKESTOP@GMAIL.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSSELL LEBEL
Legal Status:	Private
Date Became Current:	2006-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	43R DUDLEY ST
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	781-646-7867
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	THEBIKESTOP@GMAIL.COM

Historic Generators:

Receive Date:	2019-05-07 00:00:00.0
Handler Name: THE BIKE STOP INC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	MA

THE BIKE STOP INC (Continued) **1025503099**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	Yes

List of NAICS Codes and Descriptions:

NAICS Code:	451110
NAICS Description:	SPORTING GOODS STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C11 **OXBOW PARTNERS** **MA HW GEN** **S114534502**
NE **23 DUDLEY ST** **N/A**
< 1/8 **ARLINGTON, MA 02476**
0.026 mi.
136 ft. **Site 1 of 2 in cluster C**

Relative: **Lower**
Actual: **71 ft.**

HW GEN:

Name:	OXBOW PARTNERS
Address:	23 DUDLEY ST
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MV7818627521
RCRA Generator Status:	Not reported
State Generator Status:	VQG-MA

D12 **WILFERT BROTHERS WOODWORKING** **RCRA NonGen / NLR** **1000228458**
SSW **22 PRENTISS RD** **FINDS** **MAD001039411**
< 1/8 **ARLINGTON, MA 02174** **ECHO**
0.032 mi.
170 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**
Actual: **69 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	1980-08-18 00:00:00.0
Handler Name:	WILFERT BROTHERS WOODWORKING
Handler Address:	22 PRENTISS RD
Handler City,State,Zip:	ARLINGTON, MA 02174
EPA ID:	MAD001039411
Contact Name:	UNKNOWN UNKNOWN
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	999-999-9999
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private

WILFERT BROTHERS WOODWORKING (Continued) **1000228458**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	MA
State District:	N
Mailing Address:	22 PRENTISS RD
Mailing City,State,Zip:	ARLINGTON, MA 02174
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	WILFERT BROTHERS WOODWORKING
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

WILFERT BROTHERS WOODWORKING (Continued) **1000228458**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:09:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILFERT BROTHERS WOODWORKING
Legal Status:	Private
Date Became Current:	1991-12-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1980-08-18 00:00:00.0
Handler Name:	WILFERT BROTHERS WOODWORKING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110007309661

WILFERT BROTHERS WOODWORKING (Continued) **1000228458**

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000228458
Registry ID:	110007309661
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007309661
Name:	WILFERT BROTHERS WOODWORKING
Address:	22 PRENTISS ROAD
City,State,Zip:	ARLINGTON, MA 02476

D13 **WILFRED BROTHERS WOODWORKING COMP** **MA UST** **U003531159**
SSW **22 PRENTISS RD** **N/A**
< 1/8 **ARLINGTON, MA 02476**
0.032 mi.
170 ft. **Site 2 of 2 in cluster D**

Relative:
Lower

Actual:
69 ft.

UST:

Facility:

Name:	WILFRED BROTHERS WOODWORKING COMP
Address:	22 PRENTISS RD
City,State,Zip:	ARLINGTON, MA 02476
Facility ID:	1278
Owner Id:	640
Owner:	WILFRED BROTHERS WOODWORKING C
Owner Address:	22 PRENTISS RD
Owner City,St,Zip:	ARLINGTON, MA 02476
Telephone:	Not reported
Description:	Manufacturing
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.41965
Longitude:	-71.16657
Contact name:	Not reported

WILFRED BROTHERS WOODWORKING COMP (Continued) **U003531159**

Contact address1: Not reported
Contact address2: Not reported
Contact city: Not reported
Contact state: Not reported
Contact zip: Not reported
Contact email: Not reported
Update: 1999-03-26 00:00:00
Update by: Not reported
Fac status: CLOSED

Tank ID: 1
Tank Status: Tank Removed
Status Date: 09/28/1999
Date Installed: 10/01/1983
Capacity: 2500.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Single-walled metal (Corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: Tank Removed
Status Date: 09/29/1999
Date Installed: 10/01/1983
Capacity: 2500.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Single-walled metal (Corrosion protection required)
Ptype: Not reported

WILFRED BROTHERS WOODWORKING COMP (Continued) **U003531159**

Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

C14 **ARLINGTON AUTOBODY & BRAKE INC** **MA HW GEN** **S107286528**
East **14 DUDLEY CT** **N/A**
< 1/8 **ARLINGTON, MA 02174**
0.033 mi.
173 ft. **Site 2 of 2 in cluster C**

Relative: **Lower**
Actual: **61 ft.**

HW GEN:
Name: ARLINGTON AUTOBODY & BRAKE INC
Address: 14 DUDLEY CT
City,State,Zip: ARLINGTON, MA 02174
EPA Id: MAD066583188
RCRA Generator Status: VSQG
State Generator Status: Not reported

E15 **DUDLEY AUTOMOTIVE SERVICE INC** **RCRA NonGen / NLR** **1000282435**
West **9 DUDLEY STREET PL** **FINDS** **MAD038332714**
< 1/8 **ARLINGTON, MA 02476** **ECHO**
0.058 mi. **RI MANIFEST**
304 ft. **Site 1 of 2 in cluster E**

Relative: **Higher**
Actual: **84 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 1986-11-23 00:00:00.0
Handler Name: DUDLEY AUTOMOTIVE SERVICE INC
Handler Address: 9 DUDLEY STREET PL
Handler City,State,Zip: ARLINGTON, MA 02476-4553
EPA ID: MAD038332714
Contact Name: EDWARD-J TARRELL
Contact Address: PO BOX 499
Contact City,State,Zip: ARLINGTON, MA 02174
Contact Telephone: 617-646-8473
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 01
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Active Site Indicator:	Not reported
State District Owner:	MA
State District:	N
Mailing Address:	PO BOX 499
Mailing City,State,Zip:	ARLINGTON, MA 02174
Owner Name:	NIGRO SAMUEL J
Owner Type:	Private
Operator Name:	DUDLEY AUTOMOTIVE SERVICE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:11:00.0

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DUDLEY AUTOMOTIVE SERVICE INC
Legal Status:	Private
Date Became Current:	1990-03-01 00:00:00.
Date Ended Current:	1991-06-03 00:00:00.
Owner/Operator Address:	PO BOX 499
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NIGRO SAMUEL J
Legal Status:	Private
Date Became Current:	2004-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 499
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-11-23 00:00:00.0
Handler Name:	DUDLEY AUTOMOTIVE SERVICE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008403085

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000282435
Registry ID: 110008403085
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008403085
Name: DUDLEY AUTOMOTIVE SERVICE INC
Address: 9 DUDLEY STREET PL
City,State,Zip: ARLINGTON, MA 02476

RI MANIFEST:
Name: DUDLEY AUTOMOTIVE SERVICE
Address: 9 DUDLEY STREET PL
City,State,Zip: ARLINGTON, MA 02476-4553
EPA Id: MAD038332714
GEN Cert Date: 8/16/2006
Manifest Document Number: RIG0291876
Waste Description: RQ WASTE PETROLEUM DISTILLATES NOS
TSDF Id: RID084802842
TSDF Name: United Oil Recovery Inc
Qty: 8
WT/Vol Units: G
TSDF Date: 8/16/2006
Transporter 2 Id: Not reported

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Item Number:	a
Transporter 2 Name:	Not reported
Transporter Name 2:	UNITED INDUSTRIAL SERVICES
Transporter EPAID:	CTD021816889
Transporter Receipt Date:	8/16/2006
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Fee Exempt Code:	Not reported
Comment:	Not reported
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
Quarter:	Not reported
Transporter Contact Name:	Not reported
Transporter Contact Email:	Not reported
Filing Date:	Not reported
Total Fee:	Not reported
Billing Name:	Not reported
Paid Date:	Not reported
Paid Time:	Not reported
Facility Receipt Date:	Not reported
Fee:	Not reported
Manifest Created Date:	Not reported
Manifest Updated Date:	Not reported

RI MANIFEST:

Transporter Receipt Date:	3/26/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000104574UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Item Number:	1
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	3/26/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	3/27/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	1/4/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000089354UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/4/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	1/7/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	3/26/2008

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000104574UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	3/26/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	3/27/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	1/4/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Manifest Docket Number:	000089354UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/4/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	1/7/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	1/30/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF Id:	RID084802842
Transporter Name 2:	UNITED INDUSTRIAL SERVICES
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000009234UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Billing Name:	Not reported
Transporter EPA ID:	CTD021816889
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/30/2007

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	1/30/2007
Transporter 2 ID:	CTD021816889
Manifest Updated Date:	Not reported
Transporter Receipt Date:	7/19/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000099208UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Billing Name:	Not reported
Transporter EPA ID:	CTD021816889
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	7/19/2007
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	7/19/2007
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	10/10/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000062526UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Billing Name:	Not reported
Transporter EPA ID:	CTD021816889
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	10/10/2007
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	10/11/2007
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	10/10/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000062526UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Billing Name:	Not reported
Transporter EPA ID:	CTD021816889
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	10/10/2007
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	10/11/2007
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	7/19/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000099208UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Billing Name:	Not reported
Transporter EPA ID:	CTD021816889
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	7/19/2007
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	7/19/2007
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

Transporter Receipt Date:	1/30/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF Id:	RID084802842
Transporter Name 2:	UNITED INDUSTRIAL SERVICES
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD038332714
Manifest Docket Number:	000009234UIS
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Billing Name:	Not reported
Transporter EPA ID:	CTD021816889
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/30/2007
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	1/30/2007
Transporter 2 ID:	CTD021816889
Manifest Updated Date:	Not reported

Transporter Receipt Date:	2/28/2006
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	D039
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	United Oil Recovery Inc
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported

DUDLEY AUTOMOTIVE SERVICE INC (Continued) **1000282435**

EPA ID:	MAD038332714
Manifest Docket Number:	RIG0280148
Quarter:	Not reported
Waste Description:	RQ WASTE PETROLEUM DISTILLATES NOS
Transporter Contact Name:	Not reported
Quantity:	8
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	UNITED INDUSTRIAL SERVICES
Billing Name:	Not reported
Transporter EPA ID:	CTD021816889
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/28/2006
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	2/28/2006
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported

Click this hyperlink while viewing on your computer to access
48 additional RI_MANIFEST: record(s) in the EDR Site Report.

E16
West
< 1/8
0.058 mi.
304 ft.

DUDLEY FUEL COMPANY **MA LUST** **U003530809**
9 DUDLEY ST **MA UST** **N/A**
ARLINGTON, MA 02476 **MA RELEASE**
MA Financial Assurance
Site 2 of 2 in cluster E **MA HW GEN**

Relative:
Higher

Actual:
84 ft.

LUST:

Facility:

Name:	DUDLEY FUEL
Address:	9 DUDLEY STREET PL
City,State,Zip:	ARLINGTON, MA
Current Status:	**Response Action Outcome Not Required**
Release Tracking Number/Current Status:	3-0017599 / RAONR
Status Date:	12/07/1999
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	11/19/1998
Category:	72 HR
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

DUDLEY FUEL COMPANY (Continued) **U003530809**

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	WASTE OIL
Quantity:	122 parts per million
Chemical:	WASTE OIL
Quantity:	Not reported

Actions:

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	1/19/1999
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	1/19/1999
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	1/20/2000
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/20/2000
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	1/22/2002
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	1/22/2002
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/22/2002
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/26/2001
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	11/12/1998
Response Action Outcome:	Not reported
Action Type:	Release Disposition

DUDLEY FUEL COMPANY (Continued) **U003530809**

Action Status: Reportable Release under MGL 21E
Action Date: 11/19/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/19/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/9/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/15/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/22/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/28/2001
Response Action Outcome: Not reported

Facility:
Name: DUDLEY FUEL
Address: 9 DUDLEY STREET PL
City,State,Zip: ARLINGTON, MA
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0017565 / RAO
Status Date: 01/22/2002

DUDLEY FUEL COMPANY (Continued) **U003530809**

Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	11/12/1998
Category:	72 HR
Associated ID:	3-0017565
Phase:	PHASE IV
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil and Hazardous Material
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	FUEL OIL #2
Quantity:	Not reported
Chemical:	KEROSENE
Quantity:	2000 parts per million
Chemical:	GASOLINE
Quantity:	Not reported
Chemical:	KEROSENE
Quantity:	Not reported
Chemical:	DIESEL
Quantity:	Not reported

Actions:

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	1/19/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	1/19/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	1/20/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/20/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	1/22/2002

DUDLEY FUEL COMPANY (Continued) **U003530809**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/26/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/12/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/12/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

DUDLEY FUEL COMPANY (Continued) **U003530809**

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/19/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/19/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 12/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/9/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/15/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/28/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

UST:

DUDLEY FUEL COMPANY (Continued) **U003530809**

Facility:

Name:	DUDLEY FUEL COMPANY
Address:	9 DUDLEY ST
City,State,Zip:	ARLINGTON, MA 02476
Facility ID:	261
Owner Id:	1974
Owner:	DUDLEY FUEL COMPANY INC
Owner Address:	43 DUDLEY ST
Owner City,St,Zip:	ARLINGTON, MA 02476
Telephone:	Not reported
Description:	Bulk Storage Fuel
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.42057
Longitude:	-71.16462
Contact name:	Not reported
Contact address1:	Not reported
Contact address2:	Not reported
Contact city:	Not reported
Contact state:	Not reported
Contact zip:	Not reported
Contact email:	Not reported
Update:	2009-02-09 00:00:00
Update by:	Not reported
Fac status:	CLOSED

Tank ID:	1
Tank Status:	**Tank Removed**
Status Date:	Not reported
Date Installed:	03/19/1963
Capacity:	20000.00000
Contents:	Bulk Heati
Tank Usage:	Not reported
Tank Leak Detection:	Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Single-walled metal tank (cathodic protection required)
Pipe construct:	Not reported
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported
Spill bucket sensor:	N
Overfill protect install:	Not reported
Overfill protect type:	Not reported
Automatic line leak detect:	Not reported
Tank corrosion type:	Not reported
Leak corrosion type:	Not reported

DUDLEY FUEL COMPANY (Continued) **U003530809**

Tank ID: 2
Tank Status: Tank Removed
Status Date: Not reported
Date Installed: 03/18/1948
Capacity: 15000.00000
Contents: Bulk Heati
Tank Usage: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 3
Tank Status: Tank Removed
Status Date: Not reported
Date Installed: 03/18/1948
Capacity: 15000.00000
Contents: Bulk Heati
Tank Usage: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N

DUDLEY FUEL COMPANY (Continued) **U003530809**

Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: Tank Removed
Status Date: Not reported
Date Installed: 03/19/1963
Capacity: 20000.00000
Contents: Bulk Heati
Tank Usage: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 5
Tank Status: Tank Removed
Status Date: Not reported
Date Installed: 03/18/1948
Capacity: 10000.00000
Contents: Kerosene
Tank Usage: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N

DUDLEY FUEL COMPANY (Continued) **U003530809**

Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 6
Tank Status: Tank Removed
Status Date: Not reported
Date Installed: 03/18/1962
Capacity: 3000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 7
Tank Status: Tank Removed
Status Date: Not reported
Date Installed: 03/18/1962
Capacity: 1000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported

DUDLEY FUEL COMPANY (Continued) **U003530809**

Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 8
Tank Status: **Tank Removed**
Status Date: Not reported
Date Installed: 03/18/1962
Capacity: 1000.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 9
Tank Status: **Tank Removed**
Status Date: Not reported
Date Installed: 03/18/1981

DUDLEY FUEL COMPANY (Continued) **U003530809**

Capacity:	3000.00000
Contents:	Diesel
Tank Usage:	Motor Vehi
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Single-walled metal tank (cathodic protection required)
Pipe construct:	Not reported
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported
Spill bucket sensor:	N
Overfill protect install:	Not reported
Overfill protect type:	Not reported
Automatic line leak detect:	Not reported
Tank corrosion type:	Not reported
Leak corrosion type:	Not reported

Release:

Name:	DUDLEY FUEL
Address:	9 DUDLEY STREET PL
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0017565 / RAO
Primary ID:	3-0017565
Official City:	ARLINGTON
Notification:	11/12/1998
Category:	72 HR
Status Date:	01/22/2002
Phase:	PHASE IV
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	1/19/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	1/19/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

DUDLEY FUEL COMPANY (Continued) **U003530809**

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 1/20/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/20/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 1/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/26/2001

DUDLEY FUEL COMPANY (Continued) **U003530809**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/12/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/12/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/19/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/19/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 12/7/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/9/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/15/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

DUDLEY FUEL COMPANY (Continued) **U003530809**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/28/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: FUEL OIL #2
Quantity: Not reported
Chemical: KEROSENE
Quantity: 2000 parts per million
Chemical: GASOLINE
Quantity: Not reported
Chemical: KEROSENE
Quantity: Not reported
Chemical: DIESEL
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

Name: DUDLEY FUEL
Address: 9 DUDLEY STREET PL
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0017599 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 11/19/1998
Category: 72 HR
Status Date: 12/07/1999
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/19/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 1/19/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 1/20/2000
Response Action Outcome: Not reported

DUDLEY FUEL COMPANY (Continued) **U003530809**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/20/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/22/2002
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 1/22/2002
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/22/2002
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/26/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/12/1998
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/19/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 11/19/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site

DUDLEY FUEL COMPANY (Continued) **U003530809**

Action Date: 12/7/1999
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/9/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/15/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/22/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/28/2001
Response Action Outcome: Not reported

Chemicals:
Chemical: WASTE OIL
Quantity: 122 parts per million
Chemical: WASTE OIL
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

MA Financial Assurance 2:
Name: DUDLEY FUEL COMPANY
Address: 9 DUDLEY ST
City,State,Zip: ARLINGTON, MA 02476
Facility Id: 261
Description: Private

HW GEN:
Name: DUDLEY AUTOMOTIVE SERVICE INC
Address: 9 DUDLEY STREET PL
City,State,Zip: ARLINGTON, MA 02476-4553
EPA Id: MAD038332714
RCRA Generator Status: VSQG
State Generator Status: Not reported

F17 **PROPERTY** **MA SHWS** **S100828088**
SW **971-977 MASSACHUSETTS AVE** **MA RELEASE** **N/A**
< 1/8 **ARLINGTON, MA 02174**
0.076 mi.
399 ft. **Site 1 of 5 in cluster F**

Relative: Higher

Actual: 90 ft.

SHWS:
Name: PROPERTY
Address: 971-977 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174

PROPERTY (Continued) **S100828088**

Facility ID: 3-0000883
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 10/15/1988
Category: NONE
Associated ID: Not reported
Current Status: PENNFA
Status Date: 02/11/1997
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Not reported

Release:
Name: PROPERTY
Address: 971-977 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0000883 / PENNFA
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/15/1988
Category: NONE
Status Date: 02/11/1997
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/15/1988
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: PENNFA
Action Date: 2/11/1997
Response Action Outcome: Not reported

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

G18 **E S JOHNSON CONST CO INC** **MA LUST U001004170**
East **50 GROVE ST** **MA UST N/A**
< 1/8 **ARLINGTON, MA 02476** **MA RELEASE**
0.081 mi.
430 ft. **Site 1 of 7 in cluster G**

Relative: Lower
Actual: 67 ft.

LUST:

Facility:
Name: MAINTERNANCE & REPAIR FACILITY
Address: 50 GROVE ST
City,State,Zip: ARLINGTON, MA 024760000
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0004317 / RAO

E S JOHNSON CONST CO INC (Continued) **U001004170**

Status Date:	03/21/1996
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	07/15/1993
Category:	NONE
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Not reported
Location Type:	REPAIRYARD
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported

Actions:

Action Type:	TREGS
Action Status:	RAOEQ
Action Date:	3/21/1996
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	7/15/1993
Response Action Outcome:	Not reported

Facility:

Name:	FRONT OF BUILDING
Address:	50 GROVE ST
City,State,Zip:	ARLINGTON, MA 02174
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0011771 / RAO
Status Date:	04/06/1998
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	10/25/1994
Category:	72 HR
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

E S JOHNSON CONST CO INC (Continued) **U001004170**

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 105 parts per million

Actions:
Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 1/31/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/25/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/25/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/19/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/27/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/7/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 12/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 12/27/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/14/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

E S JOHNSON CONST CO INC (Continued) **U001004170**

reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/6/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 4/6/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/8/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 5/14/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: RTCLET
Action Date: 6/16/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/13/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 9/13/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/8/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

UST:

Facility:
Name: E S JOHNSON CONST CO INC
Address: 50 GROVE ST
City,State,Zip: ARLINGTON, MA 02476

E S JOHNSON CONST CO INC (Continued) **U001004170**

Facility ID:	241
Owner Id:	2022
Owner:	E S JOHNSON CONST CO INC
Owner Address:	50 GROVE ST
Owner City,St,Zip:	ARLINGTON, MA 02476
Telephone:	Not reported
Description:	Not reported
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.41985
Longitude:	-71.16460
Contact name:	Not reported
Contact address1:	Not reported
Contact address2:	Not reported
Contact city:	Not reported
Contact state:	Not reported
Contact zip:	Not reported
Contact email:	Not reported
Update:	2009-02-09 00:00:00
Update by:	Not reported
Fac status:	CLOSED

Tank ID:	1
Tank Status:	**Tank Removed**
Status Date:	02/10/1992
Date Installed:	05/06/1972
Capacity:	2000.00000
Contents:	Gasoline
Tank Usage:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Not reported
Pipe construct:	Not reported
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported
Spill bucket sensor:	N
Overfill protect install:	Not reported
Overfill protect type:	Not reported
Automatic line leak detect:	Not reported
Tank corrosion type:	Not reported
Leak corrosion type:	Not reported

Release:

Name:	MAINTERNANCE & REPAIR FACILITY
Address:	50 GROVE ST

E S JOHNSON CONST CO INC (Continued) **U001004170**

City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0004317 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 07/15/1993
Category: NONE
Status Date: 03/21/1996
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: TREGS
Action Status: RAOEQ
Action Date: 3/21/1996
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 7/15/1993
Response Action Outcome: Not reported

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported
Location Type: REPAIRYARD
Source: UST

Name: FRONT OF BUILDING
Address: 50 GROVE ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0011771 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/25/1994
Category: 72 HR
Status Date: 04/06/1998
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 1/31/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/25/1994

E S JOHNSON CONST CO INC (Continued) **U001004170**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/25/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/19/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/27/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/7/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 12/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 12/27/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/14/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/6/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 4/6/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

E S JOHNSON CONST CO INC (Continued) **U001004170**

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/8/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 5/14/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: RTCLET
Action Date: 6/16/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/13/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 9/13/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/8/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 105 parts per million
Location Type: COMMERCIAL
Source: UST

G19 **51 GROVE ST REMEDIATION SITE** **RCRA NonGen / NLR** **1010318761**
East **51 GROVE ST** **MAC300005824**
< 1/8 **ARLINGTON, MA 02476**
0.089 mi.
471 ft. **Site 2 of 7 in cluster G**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 2006-03-29 00:00:00.0
Actual: Handler Name: 51 GROVE ST REMEDIATION SITE
62 ft. Handler Address: 51 GROVE ST
Handler City,State,Zip: ARLINGTON, MA 02476
EPA ID: MAC300005824
Contact Name: THOR HELGASON
Contact Address: ARLINGTON REMEDIAL SETTLEMENT
Contact City,State,Zip: WALTHAM, MA 02452-0000

51 GROVE ST REMEDIATION SITE (Continued) **1010318761**

Contact Telephone:	781-642-8775
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	MA
State District:	N
Mailing Address:	135 BEAVER ST
Mailing City,State,Zip:	WALTHAM, MA 02452-0000
Owner Name:	TOWN OF ARLINGTON
Owner Type:	Municipal
Operator Name:	ARLINGTON REMEDIAL ACTION SETTLEMENT TRU
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

51 GROVE ST REMEDIATION SITE (Continued) **1010318761**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:04:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARLINGTON REMEDIAL ACTION SETTLEMENT TRU
Legal Status:	Municipal
Date Became Current:	2001-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ARLINGTON REMEDIAL SETTLEMENT
Owner/Operator City,State,Zip:	WALTHAM, MA 02452-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARLINGTON REMEDIAL ACTION SETTLEMENT TRU
Legal Status:	Municipal
Date Became Current:	2001-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ARLINGTON REMEDIAL SETTLEMENT
Owner/Operator City,State,Zip:	WALTHAM, MA 02452-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Owner

51 GROVE ST REMEDIATION SITE (Continued) **1010318761**

Owner/Operator Name:	TOWN OF ARLINGTON
Legal Status:	Municipal
Date Became Current:	1914-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ARLINGTON REMEDIAL SETTLEMENT
Owner/Operator City,State,Zip:	WALTHAM, MA 02452-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARLINGTON REMEDIAL ACTION SETTLEMENT TRU
Legal Status:	Private
Date Became Current:	1914-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 BEAVER STREET
Owner/Operator City,State,Zip:	WALTHAM, MA 02452
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOWN OF ARLINGTON
Legal Status:	Municipal
Date Became Current:	1914-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ARLINGTON REMEDIAL SETTLEMENT
Owner/Operator City,State,Zip:	WALTHAM, MA 02452-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOWN OF ARLINGTON
Legal Status:	Private
Date Became Current:	1914-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	730 MASSACHUSETTS AVENUE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-03-28 00:00:00.0
Handler Name: 51 GROVE ST SITE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

51 GROVE ST REMEDIATION SITE (Continued) **1010318761**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-29 00:00:00.0
Handler Name:	51 GROVE ST REMEDIATION SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-28 00:00:00.0
Handler Name:	51 GROVE ST REMEDIATION SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	61111
NAICS Description:	ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G20 **PROPERTY ACROSS FROM DUDLEY STREET** **MA SHWS** **S104000498**
East **51 GROVE STREET** **MA SWF/LF** **N/A**
< 1/8 **ARLINGTON, MA 02476** **MA LUST**
0.089 mi. **MA AST**
471 ft. **Site 3 of 7 in cluster G** **MA INST CONTROL**
MA RELEASE
Relative: **MA ASBESTOS**
Lower **MA ENF**
Actual: **MA HW GEN**
62 ft. **MA UIC**

SHWS:

Name:	ALINGTON HIGH SCHOOL
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA 024760000

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Facility ID:	3-0024242
Source Type:	HISTORIC
Release Town:	ARLINGTON
Notification Date:	09/16/2004
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	07/15/2005
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	DPW YARD
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0019754
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	07/21/2000
Category:	72 HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	12/01/2003
Phase:	PHASE IV
Response Action Outcome:	C2
Oil Or Haz Material:	Not reported

Name:	PROPERTY ACROSS FROM DUDLEY STREET
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0036164
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	02/26/2020
Category:	72 HR
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	12/21/2020
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	PROPERTY ACROSS FROM DUDLEY STREET
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0036164
Source Type:	RTN 3-4241
Release Town:	ARLINGTON
Notification Date:	02/26/2020
Category:	72 HR
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	12/21/2020
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Name:	DPW GARAGE
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0018405
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	06/10/1999
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	08/09/2002
Phase:	PHASE II
Response Action Outcome:	Not reported
Oil Or Haz Material:	Oil and Hazardous Material

LF:

Name:	ARLINGTON TRANSFER STATION
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA 02474
Facility Phone:	Not reported
Annual Tons for 1995:	Not reported
Annual Tons for 1996:	Not reported
Annual Tons for 1997:	Not reported
Annual Tons for 1998:	Not reported
Annual Tons for 1999:	Not reported
Annual Tons for 2000:	Not reported
Annual Tons for 2001:	Not reported
Annual Tons for 2002:	Not reported
Annual Tons for 2003:	Not reported
Annual Tons for 2004:	Not reported
Annual Tons for 2005:	Not reported
Annual Tons for 2006:	Not reported
Annual Tons for 2007:	Not reported
Annual Tons for 2008:	Not reported
Annual Tons for 2009:	Not reported
Annual Tons for 2010:	Not reported
Annual Tons for 2011:	Not reported
Annual Tons for 2012:	Not reported
Annual Tons for 2013:	Not reported
Annual Tons for 2014:	Not reported
Annual Tons for 2015:	Not reported
Reg Obj Acct ID Num For Each Solid Waste Operation:	173131
Days of Operation:	Not reported
Note On The Physical Location Of The Site:	Not reported
Acres:	Not reported
Active Year:	1990
Classification Group:	Handling/Transfer
Current Or Most Recent Closed Classification:	ClsdSMTRAN
Description Of The Last Classification:	Closed Small Transfer Station
Close Year:	1993
Name Of The Organization:	TOWN OF ARLINGTON
Contacts Organization Type:	Municipal
Contact Persons Name And Title:	JOSEPH LOYACANO, DPW DIR
Contact Phone Including Extension:	(781)646-1000
Contact Mailing Street Address:	730 MASSACHUSETTS AVE
Contacts Mailing City, State, Zip:	ARLINGTON, MA 02174
Inactive Year:	Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Land Disposal Closure Status: n/a
Land Disposal Only, Category Waste Disposed: n/a
Landfills Liner: n/a
Municipality That The Operation Is Located In: ARLINGTON
Alpha-Numeric Identification Code: TR0010.007
Numeric-Only Portion Of The Identification Code: 0010.007
Region: Northeast (Wilmington)
Org That Pays Any Annual Compliance Fee And/Or Permittee:Not reported
Responsible Party Organization Type: Not reported
Responsible Party Mailing Street Address Line 1: Not reported
Responsible Party Mailing Street Address Line 2: Not reported
Responsible Party Mailing City, State, Zip: Not reported
Responsible Party Telephone Inc Extension: Not reported
Maximum Permitted Tons Per Day: 100
Current Operational Status: Closed

LUST:

Facility:
Name: 51 GROVE ST SITE
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA
Current Status: **(Remedy Operation Status): A site where a remedial system which relies upon Active Operation and Maintenance is being operated for the purpose of achieving a Permanent Solution.**
Release Tracking Number/Current Status: 3-0004241 / REMOPS
Status Date: 04/09/2007
Source Type: UST
Release Town: ARLINGTON
Notification Date: 10/01/1993
Category: NONE
Associated ID: 3-0004241
Phase: PHASE V
Response Action Outcome: -
Oil Or Haz Material: Oil

Location Type: MUNICIPAL
Location Type: SCHOOL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: GASOLINE
Quantity: Not reported

Actions:
Action Type: Activity and Use Limitation
Action Status: GRANT
Action Date: 1/17/2019
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/17/2019

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/19/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 1/25/2006
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 1/25/2006
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 1/26/2000
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/1/1993
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 10/16/2007
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 10/17/2000
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 10/17/2019
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 10/17/2019
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 10/7/2020
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 11/13/2017
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/24/1999
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 11/9/2012
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 11/9/2017
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 1B Classification
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 12/13/2000
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 12/13/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 12/21/2020
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: RMRINT
Action Date: 12/22/2006
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 12/22/2006
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 12/23/2004
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Status or Interim Report Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 12/28/2005
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 12/5/2000
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/6/2002
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/13/1998
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/13/2019
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/13/2019
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 2/14/2014
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/14/2014
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/14/2014
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/15/2008
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 2/15/2008
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/15/2008
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/17/2016
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/17/2016
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/17/2017
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/17/2017
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/17/2021
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/17/2021
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 2/18/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/18/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/18/2009
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 2/19/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/19/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 2/19/2009
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 2/20/2013
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/20/2013
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/20/2013
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 2/21/2007
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: As-Built Construction Report Received
Action Date: 2/21/2007
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 2/26/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/26/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/26/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/27/2020
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/27/2020
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/1/2018
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/1/2018
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 3/10/2004
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 3/10/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Extension Received
Action Date: 3/19/2006
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 3/20/2006
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDD1U
Action Date: 3/23/2005
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 3/28/2005
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 3/29/2002
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 3/3/2004
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/3/2011
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 3/3/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 3/3/2011
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/8/2005
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 3/8/2005
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/9/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/9/2012
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 3/9/2012
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/12/2001
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 4/14/2021
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 4/22/2015
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 4/22/2015
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 4/26/2000
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/3/2000
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 4/9/2007
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 5/10/2004
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 5/12/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 5/25/2000
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 6/13/2003
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/14/1999
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/14/1999
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 6/14/2005
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/14/2021
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 6/17/1997
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/19/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 6/19/2013
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/2/2020
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/20/2014
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 6/21/2001
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 6/21/2001
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 6/22/1999
Response Action Outcome: Not reported

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/22/2021
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 6/27/1997
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Modified Revised or Updated Plan Received
Action Date: 6/6/2007
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/7/2011
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type:	Phase 4
Action Status:	Status or Interim Report Received
Action Date:	7/13/2006
Response Action Outcome:	Not reported
Action Type:	Phase 3
Action Status:	Revised Statement or Transmittal Received
Action Date:	7/15/2005
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Modified Revised or Updated Plan Received
Action Date:	7/15/2005
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	7/15/2005
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/18/2000
Response Action Outcome:	Not reported
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	7/7/2000
Response Action Outcome:	Not reported
Action Type:	Partial RAO for this RTN
Action Status:	Inspection and Monitoring Report Received
Action Date:	8/13/2010
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	8/13/2010
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	8/13/2010
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	8/16/2007
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	8/16/2007
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Status or Interim Report Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 8/16/2007
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 8/17/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/17/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/17/2009
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/2/2000
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 8/20/2008
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/20/2008
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/20/2008
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 8/21/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/21/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/21/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/23/2017
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/23/2017
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 8/24/2000
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/29/2013
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 8/29/2013
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/29/2013
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/30/2018
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/30/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/9/2002
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/9/2002
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/10/2015
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/15/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 9/15/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/2/2014
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/2/2014
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 9/2/2014
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/23/2015
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/23/2015
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 9/28/1998
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/3/2002
Response Action Outcome: Not reported

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/3/2020
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 9/30/2002
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 9/30/2003
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/6/2016
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/6/2016
Response Action Outcome: Not reported

Action Type: BWS02
Action Status: APPROV
Action Date: Not reported
Response Action Outcome: Not reported

Action Type: BWS20
Action Status: APPROV
Action Date: Not reported
Response Action Outcome: Not reported

AST:
Name: ARLINGTON DPW
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA 02476
Owner Name: ARLINGTON DEPT OF PUBLIC WORKS
Tank Type: UST
Class: STG1
Stage I Type: Coaxial
CARB # or System Type: Pre-EVR/EVR
Test Cycle: Annual
Date Form Mailed: 08/06/2020
Test Date: 10/29/2020
Postmark Date: 12/01/2020
Due Date: 10/30/2020
Form: FormC
Form Rcvd and Complete?: Complete
Facility ID: 290822
Tank ID: Not reported
Serial Number: Not reported
Tank Status: Not reported
Capacity: Not reported
Contents: Not reported
Tank Use: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Leak Detection: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Leak Detection: Not reported
Aboveground: Not reported

INST CONTROL:
Name: 51 GROVE ST SITE
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0004241
Action Type: AUL
Action Stat: GRANT
Action Date: 01/17/2019
Response Action Outcome: -

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Name: 51 GROVE ST SITE
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0004241
Action Type: AUL
Action Stat: RECPT
Action Date: 01/17/2019
Response Action Outcome: -

Name: 51 GROVE ST SITE
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0004241
Action Type: AUL
Action Stat: RECPT
Action Date: 09/10/2015
Response Action Outcome: -

Release:
Name: 51 GROVE ST SITE
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0004241 / REMOPS
Primary ID: 3-0004241
Official City: ARLINGTON
Notification: 10/01/1993
Category: NONE
Status Date: 04/09/2007
Phase: PHASE V
Response Action Outcome: -
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Activity and Use Limitation
Action Status: GRANT
Action Date: 1/17/2019
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/17/2019
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/19/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 1/25/2006
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Status: NPERTN
Action Date: 1/25/2006
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 1/26/2000
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/1/1993
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 10/16/2007
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 10/17/2000
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 10/17/2019
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 10/17/2019
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 10/7/2020
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 11/13/2017
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/24/1999
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 11/9/2012
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 11/9/2017

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 1B Classification
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 12/13/2000
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 12/13/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 12/21/2020
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: RMRINT
Action Date: 12/22/2006
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 12/22/2006
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 12/23/2004
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 12/28/2005
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 12/5/2000
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/6/2002
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/13/1998
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/13/2019
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/13/2019
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/14/2014
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/14/2014
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/14/2014
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/15/2008
Response Action Outcome:	Not reported
Action Type:	Partial RAO for this RTN
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/15/2008
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/15/2008
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/17/2016
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	2/17/2016
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 2/17/2017
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/17/2017
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/17/2021
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/17/2021
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 2/18/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/18/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/18/2009
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 2/19/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/19/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/19/2009
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 2/20/2013
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/20/2013
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/20/2013
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 2/21/2007
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: As-Built Construction Report Received
Action Date: 2/21/2007
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 2/26/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/26/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/26/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/27/2020
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/27/2020
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/1/2018
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/1/2018
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 3/10/2004
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 3/10/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Extension Received
Action Date: 3/19/2006
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 3/20/2006
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDD1U
Action Date: 3/23/2005
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 3/28/2005
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 3/29/2002
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 3/3/2004
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/3/2011
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 3/3/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/3/2011
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/8/2005
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 3/8/2005
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/9/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/9/2012
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 3/9/2012
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/12/2001
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 4/14/2021
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 4/22/2015
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 4/22/2015
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 4/26/2000
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/3/2000
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 4/9/2007
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 5/10/2004
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 5/12/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 5/25/2000
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 6/13/2003
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/14/1999
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/14/1999
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 6/14/2005
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/14/2021
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 6/17/1997
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/19/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/19/2013
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/2/2020
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/20/2014
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 6/21/2001
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 6/21/2001
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 6/22/1999
Response Action Outcome: Not reported

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/22/2021
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 6/27/1997
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Modified Revised or Updated Plan Received
Action Date: 6/6/2007
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 6/7/2011
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 7/13/2006
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Revised Statement or Transmittal Received
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Modified Revised or Updated Plan Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/18/2000
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 7/7/2000
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 8/13/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/13/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/13/2010
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/16/2007
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/16/2007
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 8/16/2007
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 8/17/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/17/2009
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/17/2009
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/2/2000
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 8/20/2008
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/20/2008
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/20/2008
Response Action Outcome: Not reported

Action Type: Partial RAO for this RTN
Action Status: Inspection and Monitoring Report Received
Action Date: 8/21/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/21/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/21/2012
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/23/2017
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/23/2017
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 8/24/2000
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 8/29/2013
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 8/29/2013
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/29/2013
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 8/30/2018
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 8/30/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/9/2002
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/9/2002
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/10/2015
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/15/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/15/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/2/2014
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/2/2014
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 9/2/2014
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/23/2015
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/23/2015
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 9/28/1998
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/3/2002
Response Action Outcome: Not reported

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/3/2020
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 9/30/2002
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 9/30/2003
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/6/2016
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/6/2016
Response Action Outcome: Not reported

Action Type: BWS02
Action Status: APPROV
Action Date: Not reported
Response Action Outcome: Not reported

Action Type: BWS20
Action Status: APPROV

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: Not reported
Response Action Outcome: Not reported

Chemicals:
Chemical: GASOLINE
Quantity: Not reported
Location Type: MUNICIPAL
Location Type: SCHOOL
Source: UST

Name: DPW GARAGE
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0018405 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 06/10/1999
Category: 120 DY
Status Date: 08/09/2002
Phase: PHASE II
Response Action Outcome: -
Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 1/25/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 10/17/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 1B Classification
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 12/21/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Extension Received
Action Date: 3/19/2006
Response Action Outcome: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/12/2001
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Permit Effective Date
Action Date:	4/26/2000
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	5/25/2000
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	6/10/1999
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/10/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/26/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/26/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	6/27/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/7/2000
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	6/7/2000
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/7/2000
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 6/7/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/9/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/9/2002
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 8/9/2002
Response Action Outcome: Not reported

Chemicals:
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity: 5500 micrograms per liter
Chemical: VINYL CHLORIDE
Quantity: 32 micrograms per liter
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity: 3300 micrograms per liter

Name: DPW YARD
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0019754 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 07/21/2000
Category: 72 HR
Status Date: 12/01/2003
Phase: PHASE IV
Response Action Outcome: C2 - C2
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 1/19/2010
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 1/19/2010
Response Action Outcome: C2

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 10/18/2000
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 10/23/2014
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 10/23/2014
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 10/23/2014
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/7/2013
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 10/7/2013
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 10/7/2013
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 11/19/2015
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 11/19/2015
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 11/21/2000
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 11/21/2001
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: Completion Statement Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 12/1/2003
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 12/1/2003
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/13/2006
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/14/2007
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/15/2004
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 12/2/2016
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 12/2/2016
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/2/2016
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/26/2008
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 12/26/2008
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 12/29/2017
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/29/2017
Response Action Outcome: C2

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/5/2002
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	12/8/2005
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	2/14/2019
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/14/2019
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	2/24/2011
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/24/2011
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/28/2020
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	2/28/2020
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	3/26/2013
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	3/26/2013
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	3/5/2021
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 3/5/2021
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 3/9/2012
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 3/9/2012
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 4/16/2014
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 4/16/2014
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 4/28/2015
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 4/28/2015
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/18/2001
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 5/18/2001
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 5/25/2016
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 5/25/2016
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/28/2002
Response Action Outcome: C2

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/12/2003
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/14/2005
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/15/2006
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/16/2017
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 6/16/2017
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/18/2008
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/7/2007
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/8/2004
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 7/11/2011
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 7/14/2009
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 7/21/2000
Response Action Outcome: C2

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 7/21/2000
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/27/2001
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/27/2001
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 7/27/2001
Response Action Outcome: C2

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 7/27/2001
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 8/11/2010
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 8/11/2010
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/11/2010
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 8/22/2019
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 8/22/2019
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 8/28/2020
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 8/28/2020
Response Action Outcome: C2

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 8/28/2020
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 8/7/2018
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 8/7/2018
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 8/7/2018
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 9/1/2011
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 9/1/2011
Response Action Outcome: C2

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 9/16/2003
Response Action Outcome: C2

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 9/16/2003
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 9/17/2012
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 9/17/2012
Response Action Outcome: C2

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/17/2012
Response Action Outcome: C2

Action Type: Immediate Response Action
Action Status: Written Plan Received

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Date: 9/21/2000
Response Action Outcome: C2

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/21/2000
Response Action Outcome: C2

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 9/5/2000
Response Action Outcome: C2

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 9/5/2000
Response Action Outcome: C2

Chemicals:
Chemical: NAPL
Quantity: 1.2 inches
Location Type: MUNICIPAL
Source: UNKNOWN

Name: ALINGTON HIGH SCHOOL
Address: 51 GROVE ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0024242 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 09/16/2004
Category: TWO HR
Status Date: 07/15/2005
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 1/25/2006
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/1/2004
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 10/17/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Status:	Written Plan Received
Action Date:	11/15/2004
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	11/15/2004
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	11/15/2004
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	11/4/2004
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	12/10/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 1B Classification
Action Date:	12/10/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	12/21/2020
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/22/2005
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Permit Extension Received
Action Date:	3/19/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/12/2001
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Permit Effective Date
Action Date:	4/26/2000
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	5/25/2000

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 6/27/1997
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/9/2002
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/16/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/16/2004
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/16/2004
Response Action Outcome: Not reported

Chemicals:
Chemical: CHROMIUM
Quantity: 4600 milligrams per kilogram
Chemical: CHROMIUM, ION (CR6+)
Quantity: 3800 milligrams per kilogram

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Chemical:	CHROMIUM
Quantity:	3800 milligrams per kilogram
Location Type:	SCHOOL
Source:	HISTORIC
Name:	PROPERTY ACROSS FROM DUDLEY STREET
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0036164 / RAONR
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	02/26/2020
Category:	72 HR
Status Date:	12/21/2020
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	1/25/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Permit Effective Date
Action Date:	10/17/2000
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 1B Classification
Action Date:	12/10/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	12/10/1999
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	12/21/2020
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	12/21/2020
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	12/21/2020
Response Action Outcome:	Not reported
Action Type:	Release Disposition

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Action Status: Reportable Release under MGL 21E
Action Date: 2/26/2020
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 2/26/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Extension Received
Action Date: 3/19/2006
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/27/2020
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 3/27/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/12/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/23/2020
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/23/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 4/26/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 4/27/2021
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 5/25/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 6/22/2021

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/25/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 6/27/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/9/2002
Response Action Outcome: Not reported

Chemicals:
Chemical: COAL TAR PITCH
Quantity: 0.5 inches
Location Type: INDUSTRIAL
Source: UNKNOWN
Source: RTN 3-4241

ASBESTOS:
Name: TOWN OF ARLINGTON
Address: 51 GROVE STREET
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 05/31/2020
End Date: 05/31/2020
Date Entered: Not reported
Entry Date: 06/03/2020
Quantity Materical Removed SF: 0
Quantity Material Removed LF: 3
Project Description: TRANSPIPE
AR Tracking ID: 344164
Super Lic Number: AS000000
Monitor Lic Number: Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Lab Lic Number:	Not reported
Year:	2020
Sticker Number:	100328682
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163310
Sub Town:	Not reported
Worksite:	WATER MAIN IN STREET
Occupied:	-1
Contractor:	AC000000
Contract Type:	VERBAL
Hours:	8
Project Type:	Repr
Abatement Process:	Disp
Location:	OUTDOORS
Decon Process:	N/A
Disposal Methods:	PIPE WAS DOUBLE WRAPPED IN 6 MIL. POLY, SEALED AND LABELED. CONTAINERIZED UNTIL DISPOSAL
Facility Usage:	WATER MAIN IN STREET
Waiver Given:	Not reported
DEP Waiver Number:	NAW2005469
DLWD Waiver Number:	29041-2020
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	51 GROVE STREET
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN STONEKING
On Site Manager Phone:	7813163310
Ins Comp:	ARLINGTON
Policy Number:	SELF INSURED
EXP Date:	12/31/2020
Facility Size:	0
Transporter Name:	SAYBROOKE ENVIRONMENTAL MANAGEMENT, LLC
Transporter Address:	11 TOSCA DRIVE
Transporter City:	STOUGHTON
Transporter State:	MA
Final Site:	Not reported
Certified Name:	DAN STONEKING
Cert Sign Date:	06/03/2020
Certified Company:	TOWN OF ARLINGTON WATER/SEWER
Certified Phone:	7813163310
Entered_by:	DSTONEKING
Name:	TOWN OF ARLINGTON
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	05/18/2020
End Date:	05/18/2020
Date Entered:	Not reported
Entry Date:	05/21/2020
Quantity Materical Removed SF:	0
Quantity Material Removed LF:	5
Project Description:	TRANSPIPE

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

AR Tracking ID:	343573
Super Lic Number:	AS000000
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2020
Sticker Number:	100328022
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163310
Sub Town:	Not reported
Worksite:	WATER MAIN IN STREET
Occupied:	-1
Contractor:	AC000000
Contract Type:	VERBAL
Hours:	8
Project Type:	Repr
Abatement Process:	Disp
Location:	OUTDOORS
Decon Process:	N/A
Disposal Methods:	PIPE WAS DOUBLE WRAPPED IN 6 MIL POLY, SEALED AND LABELED. CONTAINERIZED UNTIL DISPOSAL.
Facility Usage:	WATER MAIN IN STREET
Waiver Given:	Not reported
DEP Waiver Number:	NAW2005469
DLWD Waiver Number:	28941-2020
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	51 GROVE STREET
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN STONEKING
On Site Manager Phone:	7813163310
Ins Comp:	ARLINGTON
Policy Number:	SELF INSURED
EXP Date:	12/31/2020
Facility Size:	0
Transporter Name:	CORE CONTRACTING
Transporter Address:	3 OAKLAND STREET
Transporter City:	WOBURN
Transporter State:	MA
Final Site:	Not reported
Certified Name:	DAN STONEKING
Cert Sign Date:	05/21/2020
Certified Company:	TOWN OF ARLINGTON WATER / SEWER DIVISION
Certified Phone:	7813163310
Entered_by:	DSTONEKING
Name:	TOWN OF ARLINGTON
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	06/27/2020
End Date:	06/27/2020
Date Entered:	Not reported
Entry Date:	06/29/2020

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Quantity Materical Removed SF:	0
Quantity Material Removed LF:	6
Project Description:	TRANSPIPE
AR Tracking ID:	345482
Super Lic Number:	AS000000
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2020
Sticker Number:	100329842
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163310
Sub Town:	Not reported
Worksite:	WATER MAIN IN STREET
Occupied:	-1
Contractor:	AC000000
Contract Type:	VERBAL
Hours:	8
Project Type:	Repr
Abatement Process:	Disp
Location:	OUTDOORS
Decon Process:	N/A
Disposal Methods:	PIPE WAS DOUBLE WRAPPED IN 6 MIL. POLY, SEALED AND LABELED. CONTAINERIZED UNTIL DISPOSAL
Facility Usage:	WATER MAIN IN STREET
Waiver Given:	Not reported
DEP Waiver Number:	NAW2006445
DLWD Waiver Number:	29170-2020
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	51 GROVE STREET
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN STONEKING
On Site Manager Phone:	7813163310
Ins Comp:	ARLINGTON
Policy Number:	SELF INSURED
EXP Date:	12/31/2020
Facility Size:	0
Transporter Name:	SAYBROOKE ENVIRONMENTAL MANAGEMENT, LLC
Transporter Address:	11 TOSCA DRIVE
Transporter City:	STOUGHTON
Transporter State:	MA
Final Site:	Not reported
Certified Name:	DAN STONEKING
Cert Sign Date:	06/29/2020
Certified Company:	TOWN OF ARLINGTON WATER/SEWER
Certified Phone:	7813163310
Entered_by:	DSTONEKING
Name:	TOWN OF ARLINGTON
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	01/07/2021

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

End Date:	01/08/2021
Date Entered:	Not reported
Entry Date:	01/08/2021
Quantity Materical Removed SF:	0
Quantity Material Removed LF:	2
Project Description:	TRANSPIPE
AR Tracking ID:	357157
Super Lic Number:	AS000000
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2021
Sticker Number:	100339648
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163310
Sub Town:	Not reported
Worksite:	WATER MAIN IN STREET
Occupied:	-1
Contractor:	AC000000
Contract Type:	VERBAL
Hours:	8
Project Type:	Repr
Abatement Process:	Disp
Location:	OUTDOORS
Decon Process:	N/A
Disposal Methods:	PIPE WAS DOUBLE WRAPPED IN 6 MIL. POLY, SEALED AND LABELED. CONTAINERIZED UNTIL DISPOSAL
Facility Usage:	WATER MAIN IN STREET
Waiver Given:	Not reported
DEP Waiver Number:	NAW2101032
DLWD Waiver Number:	31010-2021
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	51 GROVE STREET
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN STONEKING
On Site Manager Phone:	7813163310
Ins Comp:	ARLINGTON
Policy Number:	SELF INSURED
EXP Date:	12/31/2021
Facility Size:	0
Transporter Name:	SAYBROOKE ENVIRONMENTAL MANAGEMENT, LLC
Transporter Address:	10 TOSCA DRIVE
Transporter City:	STOUGHTON
Transporter State:	MA
Final Site:	Not reported
Certified Name:	DAN STONEKING
Cert Sign Date:	01/08/2021
Certified Company:	TOWN OF ARLINGTON WATER/SEWER
Certified Phone:	7813163310
Entered_by:	DSTONEKING
Name:	ARLINGTON TOWN YARD
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	07/06/2021
End Date:	12/31/2021
Date Entered:	Not reported
Entry Date:	06/21/2021
Quantity Materical Removed SF:	9000
Quantity Material Removed LF:	1800
Project Description:	TRANSPANEL OTHER ROOF/FLS/CLK/FLTLM/GZ/
AR Tracking ID:	367132
Super Lic Number:	AS035366
Monitor Lic Number:	AA000183
Lab Lic Number:	AA000183
Year:	2021
Sticker Number:	100348152
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7818582626
Sub Town:	Not reported
Worksite:	THROUGHOUT
Occupied:	0
Contractor:	AC000916
Contract Type:	WRITTEN
Hours:	6AM-4:30PM
Project Type:	Renv
Abatement Process:	Fcontain, oth:EXTERIOR REGULATED AREA
Location:	INOUTDOORS
Decon Process:	THREE CHAMBER DECONTAMINATION SYSTEM WITH SHOWER UNIT
Disposal Methods:	THOROUGHLY WET DOUBLE SIX MIL BAGGING
Facility Usage:	TOWN YARD
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	51 GROVE STREET
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	JOSH SYDNEY
On Site Manager Phone:	6172127431
Ins Comp:	STARR IND & LIAB CO
Policy Number:	WC100000249
EXP Date:	7/1/2021
Facility Size:	10000
Transporter Name:	SELECT DEMO SERVICES, LLC
Transporter Address:	40 LOWELL ROAD, BLDG 2
Transporter City:	SALEM
Transporter State:	NH
Final Site:	Not reported
Certified Name:	MICHAEL WHITE
Cert Sign Date:	06/21/2021
Certified Company:	SELECT DEMO SERVICES, LLC
Certified Phone:	6033860391
Entered_by:	MIKEWHITE
Name:	DPW
Address:	51 GROVE ST.

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	06/29/2010
End Date:	06/30/2010
Date Entered:	Not reported
Entry Date:	06/15/2010
Quantity Materical Removed SF:	1200.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	127845
Super Lic Number:	AS060927
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2010
Sticker Number:	100107923
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	DPW
Occupied:	-1
Contractor:	AC000601
Contract Type:	WRITTEN
Hours:	Week days: 7=5 Week end: 0
Project Type:	Renv
Abatement Process:	FLOOR TILE PREP
Location:	Indoors
Decon Process:	NEG AIR
Disposal Methods:	DOUBLE 6MIL POLY BAGS
Facility Usage:	DPW
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	ARLINGTON DPW
Owner Address:	51 GROVE ST.
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	NA
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	20000
Transporter Name:	A-D&T
Transporter Address:	7 DOVER
Transporter City:	WALPOLE
Transporter State:	Not reported
Final Site:	39
Certified Name:	TED CASE
Cert Sign Date:	06/15/2010
Certified Company:	A-D&T
Certified Phone:	5088509713
Entered_by:	Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Name:	TOWN OF ARLINGTON
Address:	51 GROVE STREET
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	05/21/2021
End Date:	05/21/2021
Date Entered:	Not reported
Entry Date:	05/21/2020
Quantity Materical Removed SF:	32
Quantity Material Removed LF:	2
Project Description:	TRANSPIPE
AR Tracking ID:	343576
Super Lic Number:	AS000000
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2020
Sticker Number:	100328179
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163310
Sub Town:	Not reported
Worksite:	SEWER PIPE IN STREET
Occupied:	-1
Contractor:	AC000000
Contract Type:	VERBAL
Hours:	8
Project Type:	Repr
Abatement Process:	Disp
Location:	OUTDOORS
Decon Process:	N/A
Disposal Methods:	PIPE WAS DOUBLE WRAPPED IN 6 MIL POLY, SEALED AND LABELED. CONTAINERIZED UNTIL DISPOSAL.
Facility Usage:	SEWER PIPE IN STREET
Waiver Given:	Not reported
DEP Waiver Number:	NAW2005464
DLWD Waiver Number:	28971-2020
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	51 GROVE STREET
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN STONEKING
On Site Manager Phone:	7813163310
Ins Comp:	ARLINGTON
Policy Number:	SELF INSURED
EXP Date:	12/31/2020
Facility Size:	0
Transporter Name:	CORE CONTRACTING
Transporter Address:	3 OAKLAND STREET
Transporter City:	WOBURN
Transporter State:	MA
Final Site:	Not reported
Certified Name:	DAN STONEKING
Cert Sign Date:	05/21/2020
Certified Company:	TOWN OF ARLINGTON WATER/SEWER DIVISION

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Certified Phone:	7813163310
Entered_by:	DSTONEKING
Name:	TOWN OF ARLINGTON
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	06/03/2020
End Date:	06/30/2020
Date Entered:	Not reported
Entry Date:	05/23/2020
Quantity Materical Removed SF:	0
Quantity Material Removed LF:	4
Project Description:	OTHER PIPE
AR Tracking ID:	343660
Super Lic Number:	AS901676
Monitor Lic Number:	AM051114
Lab Lic Number:	AA00208
Year:	2020
Sticker Number:	100328254
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7815838032
Sub Town:	Not reported
Worksite:	BASEMENT
Occupied:	-1
Contractor:	AC000754
Contract Type:	WRITTEN
Hours:	6AM-6PM
Project Type:	Renv
Abatement Process:	Glv
Location:	INDOORS
Decon Process:	GLOVE BAG
Disposal Methods:	DOUBLE BAG
Facility Usage:	TOWN BLDG
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	51 GROVE ST
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN STONERIDGE
On Site Manager Phone:	7815838032
Ins Comp:	TRAVELERS
Policy Number:	1K32069
EXP Date:	6/20/2020
Facility Size:	3000
Transporter Name:	CORE
Transporter Address:	3 OAKLAND ST
Transporter City:	WOBURN
Transporter State:	MA
Final Site:	Not reported
Certified Name:	JOHN MAHONEY

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Cert Sign Date:	05/23/2020
Certified Company:	CORE
Certified Phone:	7817214540
Entered_by:	JJMAHONEY

ENFORCEMENT:

Name:	ARLINGTON, TOWN OF
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3p
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0004241
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	03/20/2006
ENF #:	NON-NE-06-3P001-Q1
Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Municipally Owned

HW GEN:

Name:	ARLINGTON DPW FACILITY
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MAR000579227
RCRA Generator Status:	SQG
State Generator Status:	Not reported

UIC:

RTN Number:	3-0004241
Name:	51 GROVE ST SITE
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA
Permit Date:	02/13/2019
Actor Name:	ESSEX GAS CO D/B/A NATIONAL GRID
Air Sparging:	No
Injection Well:	Yes/Inactive
ReInjection Well:	No
UIC APL Type:	Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Latitude:	42.42024363
Well Status:	Not reported
Longitude:	-71.16335231
UIC ID:	Not reported
EPA Code:	Not reported
Indicates Area:	Not reported
Number of Wells:	Not reported
Owner:	Not reported
Receive Date:	Not reported
Authorization to Install/Close Date:	Not reported
Confirmation of Install Receive:	Not reported
Post-Closure Receive:	Not reported
Final Approval Date:	Not reported
Permit Number:	Not reported
Permit Type:	Not reported
Permit Type Description:	Not reported
Program:	Not reported
Applicant Name:	Not reported
Decision Date:	Not reported
Operator Name:	Not reported
Well ID:	Not reported
Well Type Name:	Not reported
Max Well Depth:	Not reported
Date Complete:	Not reported
Work Performed:	Not reported
Depth to Bedrock:	Not reported
Water Level:	Not reported

RTN Number:	3-0004241
Name:	51 GROVE ST SITE
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA
Permit Date:	02/13/2019
Actor Name:	TOWN OF ARLINGTON
Air Sparging:	No
Injection Well:	Yes/Inactive
ReInjection Well:	No
UIC APL Type:	Not reported
Latitude:	42.42024363
Well Status:	Not reported
Longitude:	-71.16335231
UIC ID:	Not reported
EPA Code:	Not reported
Indicates Area:	Not reported
Number of Wells:	Not reported
Owner:	Not reported
Receive Date:	Not reported
Authorization to Install/Close Date:	Not reported
Confirmation of Install Receive:	Not reported
Post-Closure Receive:	Not reported
Final Approval Date:	Not reported
Permit Number:	Not reported
Permit Type:	Not reported
Permit Type Description:	Not reported
Program:	Not reported
Applicant Name:	Not reported
Decision Date:	Not reported

PROPERTY ACROSS FROM DUDLEY STREET (Continued) **S104000498**

Operator Name:	Not reported
Well ID:	Not reported
Well Type Name:	Not reported
Max Well Depth:	Not reported
Date Complete:	Not reported
Work Performed:	Not reported
Depth to Bedrock:	Not reported
Water Level:	Not reported

G21 **TOWN OF ARLINGTON PWD** **MA UST** **U003400414**
East **51 GROVE ST** **MA Financial Assurance** **N/A**
< 1/8 **ARLINGTON, MA 02476**
0.089 mi.
471 ft. **Site 4 of 7 in cluster G**

Relative:
Lower

Actual:
62 ft.

UST:

Facility:

Name:	TOWN OF ARLINGTON PWD
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA 02476
Facility ID:	974
Owner Id:	37
Owner:	TOWN OF ARLINGTON
Owner Address:	730 MASSACHUSETTS AVE
Owner City,St,Zip:	ARLINGTON, MA 02476
Telephone:	Not reported
Description:	Government Entity
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.41991
Longitude:	-71.16441
Contact name:	Not reported
Contact address1:	Not reported
Contact address2:	Not reported
Contact city:	Not reported
Contact state:	Not reported
Contact zip:	Not reported
Contact email:	Not reported
Update:	2016-06-18 00:00:00
Update by:	Not reported
Fac status:	OPEN

Tank ID:	1
Tank Status:	**Tank Removed**
Status Date:	04/28/1995
Date Installed:	Not reported
Capacity:	10000.00000
Contents:	Gasoline
Tank Usage:	Motor Vehi
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Single-walled metal tank (cathodic protection required)
Pipe construct:	Single-walled metal (Corrosion protection required)
Ptype:	Not reported

TOWN OF ARLINGTON PWD (Continued) **U003400414**

Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: Tank Removed
Status Date: 04/28/1995
Date Installed: Not reported
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Single-walled metal (Corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 3
Tank Status: Tank Removed
Status Date: 04/28/1995
Date Installed: Not reported
Capacity: 4000.00000
Contents: Gasoline
Tank Usage: Motor Vehi

TOWN OF ARLINGTON PWD (Continued) **U003400414**

Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Single-walled metal (Corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: In Use
Status Date: Not reported
Date Installed: 04/04/1995
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Quarterly visual inspection and annual product line tightness test
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

TOWN OF ARLINGTON PWD (Continued) **U003400414**

Tank ID:	5
Tank Status:	**In Use**
Status Date:	Not reported
Date Installed:	04/04/1995
Capacity:	10000.00000
Contents:	Diesel
Tank Usage:	Motor Vehi
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Quarterly visual inspection and annual product line tightness test
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct:	Double-walled non-corrodible material (No corrosion protection required)
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported
Spill bucket sensor:	N
Overfill protect install:	Not reported
Overfill protect type:	Not reported
Automatic line leak detect:	Not reported
Tank corrosion type:	Not reported
Leak corrosion type:	Not reported

MA Financial Assurance 2:

Name:	TOWN OF ARLINGTON PWD
Address:	51 GROVE ST
City,State,Zip:	ARLINGTON, MA 02476
Facility Id:	974
Description:	Municipal

G22 **ARLINGTON DPW FACILITY** **RCRA-SQG** **1026172214**
East **51 GROVE ST** **MAR000579227**
< 1/8 **ARLINGTON, MA 02476**
0.089 mi.
471 ft. **Site 5 of 7 in cluster G**

Relative: RCRA-SQG:
Lower

Date Form Received by Agency:		2020-04-15 00:00:00.0
Actual: Handler Name:	ARLINGTON DPW FACILITY	
62 ft. Handler Address:		51 GROVE ST
Handler City,State,Zip:		ARLINGTON, MA 02476
EPA ID:		MAR000579227
Contact Name:		MICHAEL W RADEAMCHER
Contact Address:		GROVE ST
Contact City,State,Zip:		ARLINGTON, MA 02476
Contact Telephone:		781-316-3101
Contact Fax:		Not reported
Contact Email:		MRADEMACHER@TOWN.ARLINGTON.MA.US
Contact Title:		DIRECTOR OF PUBLIC WORKS

ARLINGTON DPW FACILITY (Continued) **1026172214**

EPA Region:	01
Land Type:	Municipal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	MA
State District:	NE
Mailing Address:	GROVE ST
Mailing City,State,Zip:	ARLINGTON, MA 02476
Owner Name:	ARLINGTON TOWN OF
Owner Type:	Municipal
Operator Name:	ARLINGTON TOWN OF
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

ARLINGTON DPW FACILITY (Continued) **1026172214**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-04-24 11:37:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D007
Waste Description:	CHROMIUM

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARLINGTON TOWN OF
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	730 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARLINGTON TOWN OF
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	730 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-04-15 00:00:00.0
Handler Name: ARLINGTON DPW FACILITY	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No

ARLINGTON DPW FACILITY (Continued) **1026172214**

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 23799
NAICS Description: OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F23 **ACE CLEANERS INC** **EDR Hist Cleaner** **1019920585**
SSW **968 MASSACHUSETTS AVE** **N/A**
< 1/8 **ARLINGTON, MA 02174**
0.090 mi.
477 ft. **Site 2 of 5 in cluster F**

Relative: EDR Hist Cleaner
Higher

Actual: **91 ft.**

Year:	Name:	Type:
1991	ACE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1992	ACE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1993	ACE CLEANERS	Drycleaning Plants, Except Rugs, NEC
1994	ACE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1995	ACE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1996	ACE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1997	ACE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1998	ACE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1999	ACE CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2000	ACE CLEANER & TAILOR INC	Drycleaning Plants, Except Rugs, NEC
2001	ACE CLEANER & TAILOR INC	Drycleaning Plants, Except Rugs, NEC
2002	ACE CLEANER & TAILOR INC	Drycleaning Plants, Except Rugs, NEC
2003	ACE CLEANER & TAILOR INC	Drycleaning Plants, Except Rugs, NEC
2004	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2005	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2006	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2007	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2008	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2009	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2010	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2011	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2012	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2013	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC
2014	ACE CLEANER & TAILOR	Drycleaning Plants, Except Rugs, NEC

H24 **MIRAK LINCOLN MERCURY NISSAN INC** **RCRA NonGen / NLR** **1000147134**
SSW **956 MASSACHUSETTS AVE** **FINDS** **MAD152164679**
< 1/8 **ARLINGTON, MA 02174** **ECHO**
0.109 mi. **RI MANIFEST**
577 ft. **Site 1 of 4 in cluster H**

Relative:
Higher

Actual:
89 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1987-02-02 00:00:00.0
Handler Name:	MIRAK LINCOLN MERCURY NISSAN INC
Handler Address:	956 MASSACHUSETTS AVE
Handler City,State,Zip:	ARLINGTON, MA 02174
EPA ID:	MAD152164679
Contact Name:	ROBERT MIRAK
Contact Address:	956 MASSACHUSETTS AVE
Contact City,State,Zip:	ARLINGTON, MA 02174
Contact Telephone:	617-646-9000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	State-specific Activities
State District Owner:	MA
State District:	N
Mailing Address:	956 MASSACHUSETTS AVE
Mailing City,State,Zip:	ARLINGTON, MA 02174
Owner Name:	MIRAK LINCOLN-MERCURY NISSAN INC
Owner Type:	Private
Operator Name:	MIRAK LINCOLN MERCURY NISSAN I
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:13:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIRAK LINCOLN MERCURY NISSAN I
Legal Status:	Private
Date Became Current:	1991-12-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	956 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MIRAK LINCOLN-MERCURY NISSAN INC
Legal Status: Private
Date Became Current: 2004-10-16 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 956 MASSACHUSETTS AVE
Owner/Operator City,State,Zip: ARLINGTON, MA 02174
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1987-02-02 00:00:00.0
Handler Name: MIRAK LINCOLN MERCURY NISSAN INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: MA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008408366

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000147134
Registry ID:	110008408366
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008408366
Name:	MIRAK LINCOLN MERCURY NISSAN I
Address:	956 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02476

RI MANIFEST:

Name:	Not reported
Address:	956 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
EPA Id:	MAD152164679
GEN Cert Date:	1/26/1994
Manifest Document Number:	RIG0043815
Waste Description:	PETROLEUM NAPHTHA
TSDF Id:	RID084802842
TSDF Name:	CHEM PAK CORP
Qty:	45
WT/Vol Units:	G
TSDF Date:	Not reported
Transporter 2 Id:	Not reported
Item Number:	1
Transporter 2 Name:	Not reported
Transporter Name 2:	CYCLE SOLVE CORP
Transporter EPAID:	RID982194987
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Fee Exempt Code:	Not reported
Comment:	Not reported
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
Quarter:	Not reported
Transporter Contact Name:	Not reported
Transporter Contact Email:	Not reported
Filing Date:	Not reported
Total Fee:	Not reported
Billing Name:	Not reported
Paid Date:	Not reported
Paid Time:	Not reported
Facility Receipt Date:	Not reported
Fee:	Not reported
Manifest Created Date:	Not reported
Manifest Updated Date:	Not reported

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

RI MANIFEST:

Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0050846
Quarter:	Not reported
Waste Description:	PETROLEUM NAPHTHA
Transporter Contact Name:	Not reported
Quantity:	50
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	4/29/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported

Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0050846
Quarter:	Not reported
Waste Description:	PETROLEUM NAPHTHA
Transporter Contact Name:	Not reported
Quantity:	50
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	4/29/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0041917
Quarter:	Not reported
Waste Description:	PETROLEUM NAPHTHA
Transporter Contact Name:	Not reported
Quantity:	40
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Time Paid:	Not reported
GEN Cert Date:	3/16/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0043815
Quarter:	Not reported
Waste Description:	PETROLEUM NAPHTHA
Transporter Contact Name:	Not reported
Quantity:	45
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/26/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0041917
Quarter:	Not reported
Waste Description:	PETROLEUM NAPHTHA
Transporter Contact Name:	Not reported
Quantity:	40
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	3/16/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	F001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0041917
Quarter:	Not reported
Waste Description:	METHYLENE CHLORIDE
Transporter Contact Name:	Not reported
Quantity:	5

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	2
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	3/16/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	D001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0043815
Quarter:	Not reported
Waste Description:	PETROLEUM NAPHTHA
Transporter Contact Name:	Not reported
Quantity:	45
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/26/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported

MIRAK LINCOLN MERCURY NISSAN INC (Continued) **1000147134**

Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	F001
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	CHEM PAK CORP
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	MAD152164679
Manifest Docket Number:	RIG0041917
Quarter:	Not reported
Waste Description:	METHYLENE CHLORIDE
Transporter Contact Name:	Not reported
Quantity:	5
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	2
Transporter Name:	CYCLE SOLVE CORP
Billing Name:	Not reported
Transporter EPA ID:	RID982194987
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	3/16/1994
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported

H25 **COLEMAN RD** **MA SHWS** **S103546225**
SSW **956 MASSACHUSETTS AVE** **MA RELEASE** **N/A**
< 1/8 **ARLINGTON, MA 02474** **MA HW GEN**
0.109 mi.
577 ft. **Site 2 of 4 in cluster H**

Relative: SHWS:
Higher

Name:	COLEMAN RD
Address:	956 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0017460
Source Type:	Not reported
Release Town:	ARLINGTON

Actual:
89 ft.

COLEMAN RD (Continued) **S103546225**

Notification Date: 10/15/1998
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 10/28/1998
Phase: Not reported
Response Action Outcome: B1
Oil Or Haz Material: Oil

Release:
Name: COLEMAN RD
Address: 956 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0017460 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/15/1998
Category: 120 DY
Status Date: 10/28/1998
Phase: Not reported
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/15/1998
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/15/1998
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 10/28/1998
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 445 milligrams per kilogram

HW GEN:
Name: MIRAK LINCOLN MERCURY NISSAN INC
Address: 956 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174
EPA Id: MAD152164679
RCRA Generator Status: Not reported

COLEMAN RD (Continued) **S103546225**

State Generator Status: LQG-MA

F26 **GILS AUTO BODY INC** **RCRA-VSQG** **1000373311**
SSW **960 MASSACHUSETTS AVE** **FINDS** **MAD062166707**
< 1/8 **ARLINGTON, MA 02476** **ECHO**
0.110 mi.
579 ft. **Site 3 of 5 in cluster F**

Relative: **Higher**
Actual: **92 ft.**

RCRA-VSQG:

Date Form Received by Agency:		2019-08-28 00:00:00.0
Handler Name:	GREY-PATTI AUTOMOTIVE	
Handler Address:		960 MASSACHUSETTS AVE
Handler City,State,Zip:		ARLINGTON, MA 02476
EPA ID:		MAD062166707
Contact Name:		LOUIS P PATTI
Contact Address:		MASSACHUSETTS AVE
Contact City,State,Zip:		ARLINGTON, MA 02476
Contact Telephone:		781-648-9738
Contact Fax:		Not reported
Contact Email:		GREYPATTIAUTO@VERIZON.NET
Contact Title:		PRESIDENT
EPA Region:		01
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		MA
State District:		NE
Mailing Address:		MASSACHUSETTS AVE
Mailing City,State,Zip:		ARLINGTON, MA 02476
Owner Name:		ARLINGTON CENTER GARAGE & SERVICE CO
Owner Type:		Private
Operator Name:		LOUIS PATTI
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported

GILS AUTO BODY INC (Continued) **1000373311**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-08-28 11:18:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

GILS AUTO BODY INC (Continued) **1000373311**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GILS AUTO BODY INC
Legal Status:	Private
Date Became Current:	1991-12-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	960 MASS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARLINGTON CENTER GARAGE & SERVICE CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	438 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02474
Owner/Operator Telephone:	781-643-7823
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	781-641-3095
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOUIS PATTI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	960 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	781-648-9738
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	GREYPATTIAUTO@VERIZON.NET

Historic Generators:

Receive Date:	1984-12-05 00:00:00.0
Handler Name: GILS AUTO BODY INC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-08-28 00:00:00.0
Handler Name: GREY-PATTI AUTOMOTIVE	

GILS AUTO BODY INC (Continued) **1000373311**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1987-09-09 00:00:00.0
Actual Return to Compliance Date:	1992-09-09 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-09-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1987-09-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	NE
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1987-09-09 00:00:00.0

GILS AUTO BODY INC (Continued) **1000373311**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1992-09-09 00:00:00.0
Scheduled Compliance Date:	1987-09-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110008405047

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000373311
Registry ID:	110008405047
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008405047
Name:	GILS AUTO BODY INC
Address:	960 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02476

F27 **GILS AUTO BODY** **EDR Hist Auto** **1022218185**
SSW **960 MASS AVE** **N/A**
< 1/8 **ARLINGTON, MA 02174**
0.110 mi.
579 ft. **Site 4 of 5 in cluster F**

Relative: EDR Hist Auto
Higher

Actual: **92 ft.**

Year:	Name:	Type:
1969	ARLINGTON BRAKE & WHEEL SVC*	General Automotive Repair Shops
1970	ARLINGTON BRAKE & WHEEL SVC*	General Automotive Repair Shops
1971	ARLINGTON BRAKE & WHEEL SVC*	General Automotive Repair Shops
1973	GILS AUTO BODY	Not reported
1974	GILS AUTO BODY	Not reported
1975	GILS AUTO BODY	Not reported
1976	GILS AUTO BODY	Not reported
1977	GILS QUALITY AUTO BODY INC	Not reported
1978	GILS QUALITY AUTO BODY INC	Not reported
1987	GILS QUALITY AUTO BODY INC	Not reported

GILS AUTO BODY (Continued) **1022218185**

2003	GREYS SUNOCO SERVICE INC	Gasoline Service Stations
2004	GREYS SUNOCO SERVICE INC	Gasoline Service Stations

F28 **GREY-PATTI AUTOMOTIVE** **MA HW GEN** **S112551482**
SSW **960 MASSACHUSETTS AVE** **N/A**
< 1/8 **ARLINGTON, MA 02476**
0.110 mi.
579 ft. **Site 5 of 5 in cluster F**

Relative: **Higher**
Actual: **92 ft.**

HW GEN:

Name:	GREY-PATTI AUTOMOTIVE
Address:	960 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MAD062166707
RCRA Generator Status:	VSQG
State Generator Status:	VQG-MA

H29 **INTERSECTION - MASS AVE AND GROVE ST** **MA SHWS** **S113805099**
South **931 MASSACHUSETTS AVENUE** **MA RELEASE** **N/A**
< 1/8 **ARLINGTON, MA** **MA ASBESTOS**
0.112 mi.
590 ft. **Site 3 of 4 in cluster H**

Relative: **Lower**
Actual: **79 ft.**

SHWS:

Name:	INTERSECTION - MASS AVE AND GROVE ST
Address:	931 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0031564
Source Type:	TRANSFORM
Release Town:	ARLINGTON
Notification Date:	06/02/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	06/28/2013
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Not reported

Release:

Name:	INTERSECTION - MASS AVE AND GROVE ST
Address:	931 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0031564 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	06/02/2013
Category:	TWO HR
Status Date:	06/28/2013
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Not reported

INTERSECTION - MASS AVE AND GROVE ST (Continued) **S113805099**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/2/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	6/2/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/24/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/24/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	6/24/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	6/28/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical:	MINERAL OIL DIELECTRIC FLUID (MODF)
Quantity:	45 gallons
Chemical:	NON-PCB MODF
Quantity:	45 gallons
Location Type:	ROADWAY
Source:	TRANSFORM

ASBESTOS:

Name:	JACK TOULOPOULOS
Address:	931 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	08/23/2012
End Date:	08/23/2012

INTERSECTION - MASS AVE AND GROVE ST (Continued) **S113805099**

Date Entered:	Not reported
Entry Date:	08/10/2012
Quantity Materical Removed SF:	.00
Quantity Material Removed LF:	80.00
Project Description:	Spr
AR Tracking ID:	161778
Super Lic Number:	AS061570
Monitor Lic Number:	AM031931
Lab Lic Number:	AA000128
Year:	2012
Sticker Number:	100155069
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7818449718
Sub Town:	Not reported
Worksite:	THROUGHOUT
Occupied:	-1
Contractor:	AC000309
Contract Type:	WRITTEN
Hours:	Week days: 8AM-6PM Week end:
Project Type:	Rpr,Renv
Abatement Process:	Clnp,Disp,CRITICAL CONTAINMENT
Location:	Indoors
Decon Process:	CREATE CONTINUOUS NEGATIVE AIR PRESSURE WITHIN CONTAINMENT SYSTEM
Disposal Methods:	ADEQUATELY WET IN CONTAINMENT DOUBLE BAG IN MARKED ASBESTOS BAGS
Facility Usage:	RESIDENTIAL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	JACK TOULOPOULOS
Owner Address:	931 MASS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	36
Certified Name:	ALLEN YOUNG
Cert Sign Date:	08/10/2012
Certified Company:	ATLANTIC BAY CONTRT
Certified Phone:	6177824986
Entered_by:	Not reported

G30 **FORMER ARLINGTON GAS WORKS SITE** **EDR MGP** **1008408402**
East **MASSACHUSETTS AVE AND GROVE STREET** **N/A**
< 1/8 **ARLINGTON, MA 2474**
0.112 mi.
594 ft. **Site 6 of 7 in cluster G**

Relative: Manufactured Gas Plants:
Lower
Actual: Alternate Name:ARLINGTON GAS LIGHT CO; MYSTIC VALLEY GAS CO. No additional information available
56 ft.

G31 **ADJACENT TO #53 GROVE STREET** **MA SHWS** **S109489274**
ENE **GROVE ST** **MA RELEASE** **N/A**
< 1/8 **ARLINGTON, MA**
0.113 mi.
596 ft. **Site 7 of 7 in cluster G**

Relative: SHWS:
Lower
Actual: Name: ADJACENT TO #53 GROVE STREET
66 ft. Address: GROVE ST
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0027866
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 07/28/2008
Category: 120 DY
Associated ID: Not reported
Current Status: URAM
Status Date: 08/04/2008
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: ADJACENT TO #53 GROVE STREET
Address: GROVE ST
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0027866
Source Type: URBAN
Release Town: ARLINGTON
Notification Date: 07/28/2008
Category: 120 DY
Associated ID: Not reported
Current Status: URAM
Status Date: 08/04/2008
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: ADJACENT TO #53 GROVE STREET
Address: GROVE ST
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0027866
Source Type: FILL
Release Town: ARLINGTON
Notification Date: 07/28/2008
Category: 120 DY
Associated ID: Not reported
Current Status: URAM
Status Date: 08/04/2008
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

ADJACENT TO #53 GROVE STREET (Continued) **S109489274**

Name:	ADJACENT TO #53 GROVE STREET
Address:	GROVE ST
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0027866
Source Type:	MATERIAL
Release Town:	ARLINGTON
Notification Date:	07/28/2008
Category:	120 DY
Associated ID:	Not reported
Current Status:	URAM
Status Date:	08/04/2008
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Release:

Name:	ADJACENT TO #53 GROVE STREET
Address:	GROVE ST
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0027866 / URAM
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	07/28/2008
Category:	120 DY
Status Date:	08/04/2008
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Utility-related Abatement Measure
Action Status:	Completion Statement Received
Action Date:	12/2/2008
Response Action Outcome:	Not reported
Action Type:	Utility-related Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	12/2/2008
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Utility-related Abatement Measure
Action Status:	Notice of Intent to Conduct a URAM
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Utility-related Abatement Measure
Action Status:	Notification of URAM Received
Action Date:	8/4/2008
Response Action Outcome:	Not reported

ADJACENT TO #53 GROVE STREET (Continued) **S109489274**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: URAMLR
Action Date: 8/6/2008
Response Action Outcome: Not reported

Chemicals:
Chemical: CHROMIUM
Quantity: 31 milligrams per kilogram
Location Type: PRIVPROP
Location Type: RIGHTOFWAY
Location Type: ROADWAY
Location Type: MUNICIPAL
Source: UNKNOWN
Source: MATERIAL
Source: FILL
Source: URBAN

32
NW
< 1/8
0.117 mi.
618 ft.

TECH ALTERNATIVES **NY MANIFEST** **1009222028**
75 DUDLEY STREET **N/A**
ARLINGTON, MA 02174

Relative: Higher

Actual: 92 ft.

NY MANIFEST:
Name: TECH ALTERNATIVES
Address: 75 DUDLEY STREET
City,State,Zip: ARLINGTON, MA 02174
Country: USA
EPA ID: MAP000011699
Facility Status: Not reported
Location Address 1: 75 DUDLEY STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: ARLINGTON
Location State: MA
Location Zip: 02174
Location Zip 4: Not reported

NY MANIFEST:
EPAID: MAP000011699
Mailing Name: TECH ALTERNATIVES
Mailing Contact: PAUL M. DAVIS
Mailing Address 1: 75 DUDLEY STREET
Mailing Address 2: Not reported
Mailing City: ARLINGTON
Mailing State: MA
Mailing Zip: 02174
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6176483820

NY MANIFEST:
Document ID: NYB2485764
Manifest Status: C
seq: Not reported
Year: 1991

TECH ALTERNATIVES (Continued) **1009222028**

Trans1 State ID:	MA30403
Trans2 State ID:	35606MA
Generator Ship Date:	08/05/1991
Trans1 Recv Date:	08/05/1991
Trans2 Recv Date:	08/05/1991
TSD Site Recv Date:	08/06/1991
Part A Recv Date:	08/15/1991
Part B Recv Date:	08/19/1991
Generator EPA ID:	MAP000011699
Trans1 EPA ID:	MAD019371079
Trans2 EPA ID:	MAD019371079
TSDF ID 1:	NYD043815703
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

H33 **ARLINGTON SHELL** **MA LUST** **U003000506**
South **934 MASSACHUSETTS AVENUE** **MA UST** **N/A**
1/8-1/4 **ARLINGTON, MA 02476** **MA AST**
0.128 mi. **MA RELEASE**
677 ft. **Site 4 of 4 in cluster H**

Relative: Higher

Actual: 81 ft.

LUST:

Facility:

Name:	SHELL SERVICE STATION
Address:	934 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0002768 / RAO
Status Date:	02/26/1997
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	01/15/1993
Category:	NONE

ARLINGTON SHELL (Continued) **U003000506**

Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: GASSTATION
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: PETROLEUM
Quantity: Not reported

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 1/15/1993
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 2/26/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: DEPNDS
Action Date: 5/24/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Facility:
Name: 934 MASS AVE
Address: 934 MASSACHUSETTS AVENUE
City,State,Zip: ARLINGTON, MA
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0029531 / RAO
Status Date: 11/03/2010
Source Type: UST
Release Town: ARLINGTON
Notification Date: 09/24/2010
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

ARLINGTON SHELL (Continued) **U003000506**

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: GASOLINE
Quantity: 300 parts per million
Chemical: GASOLINE
Quantity: 377 parts per million

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 10/15/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/9/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

ARLINGTON SHELL (Continued) **U003000506**

reduced to background.

UST:

Facility:

Name:	ARLINGTON SHELL
Address:	934 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA 02476
Facility ID:	252
Owner Id:	10392
Owner:	SHARE ENTERPRISES INC
Owner Address:	934 MASSACHUSETTS AVENUE
Owner City,St,Zip:	ARLINGTON, MA 02476
Telephone:	7816437722
Description:	Retail Motor Vehicle Fuel
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.41811
Longitude:	-71.16612
Contact name:	JALIL KHOURY
Contact address1:	934 MASSACHUSETTS AVENUE
Contact address2:	Not reported
Contact city:	ARLINGTON
Contact state:	MA
Contact zip:	02476
Contact email:	arlingtonshellstation@gmail.com
Update:	2016-02-17 00:00:00
Update by:	Erin Swallow
Fac status:	OPEN

Tank ID:	1
Tank Status:	**Tank Removed**
Status Date:	10/14/1989
Date Installed:	05/01/1970
Capacity:	10000.00000
Contents:	Gasoline
Tank Usage:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Not reported
Pipe construct:	Not reported
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported
Spill bucket sensor:	N

ARLINGTON SHELL (Continued) **U003000506**

Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 10
Tank Status: In Use
Status Date: Not reported
Date Installed: 11/18/2010
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.41827
Longitude: -71.16627
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with mechanical automatic line leak detection
Number of compartment: Not reported
Pipe install date: 11/18/2010
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 11
Tank Status: In Use
Status Date: Not reported
Date Installed: 11/18/2010
Capacity: 5000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.41828
Longitude: -71.16631
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with mechanical automatic line leak detection
Number of compartment: 2
Pipe install date: 11/18/2010
Pipe leak install date: Not reported
Submersible sump: Y

ARLINGTON SHELL (Continued) **U003000506**

Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 11
Tank Status: In Use
Status Date: Not reported
Date Installed: 11/18/2010
Capacity: 5000.00000
Contents: Diesel
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.41828
Longitude: -71.16631
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with mechanical automatic line leak detection
Number of compartment: 2
Pipe install date: 11/18/2010
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: Tank Removed
Status Date: 10/14/1989
Date Installed: 05/01/1970
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported

ARLINGTON SHELL (Continued) **U003000506**

Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 3
Tank Status: Tank Removed
Status Date: 10/14/1989
Date Installed: 05/01/1970
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: Tank Removed
Status Date: 10/14/1989
Date Installed: 05/01/1970

ARLINGTON SHELL (Continued) **U003000506**

Capacity: 1000.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 5
Tank Status: Tank Removed
Status Date: 09/28/2010
Date Installed: 12/31/1989
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported

ARLINGTON SHELL (Continued) **U003000506**

Leak corrosion type: Not reported

Tank ID: 6
Tank Status: **Tank Removed**
Status Date: 09/29/2010
Date Installed: 12/31/1989
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 7
Tank Status: **Tank Removed**
Status Date: 09/29/2010
Date Installed: 12/31/1989
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N

ARLINGTON SHELL (Continued) **U003000506**

Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 8
Tank Status: Tank Removed
Status Date: 02/17/2000
Date Installed: 05/05/1989
Capacity: 550.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 9
Tank Status: In Use
Status Date: Not reported
Date Installed: 11/18/2010
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.41825
Longitude: -71.16627
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with mechanical automatic line leak detection
Number of compartment: Not reported

ARLINGTON SHELL (Continued) **U003000506**

Pipe install date: 11/18/2010
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

AST:

Name:	ARLINGTON SHELL
Address:	934 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02474
Owner Name:	SHARE ENTERPRISES INC
Tank Type:	UST
Class:	STG1
Stage I Type:	Dual-Point
CARB # or System Type:	Pre-EVR/EVR
Test Cycle:	Annual
Date Form Mailed:	03/16/2021
Test Date:	Not reported
Postmark Date:	Not reported
Due Date:	07/02/2021
Form:	FormC
Form Rcvd and Complete?:	Not Received
Facility ID:	325239
Tank ID:	Not reported
Serial Number:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Contents:	Not reported
Tank Use:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Leak Detection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Leak Detection:	Not reported
Aboveground:	Not reported

Release:

Name:	SHELL SERVICE STATION
Address:	934 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0002768 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/15/1993
Category:	NONE

ARLINGTON SHELL (Continued) **U003000506**

Status Date: 02/26/1997
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 1/15/1993
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 2/26/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: DEPNDS
Action Date: 5/24/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: PETROLEUM
Quantity: Not reported
Location Type: GASSTATION
Source: UST

Name: 934 MASS AVE
Address: 934 MASSACHUSETTS AVENUE
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0029531 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 09/24/2010
Category: 72 HR
Status Date: 11/03/2010
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 10/15/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

ARLINGTON SHELL (Continued) **U003000506**

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/3/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/9/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: GASOLINE
Quantity: 300 parts per million
Chemical: GASOLINE
Quantity: 377 parts per million
Location Type: COMMERCIAL
Source: UST

I34
NNE
1/8-1/4
0.159 mi.
839 ft.

Relative:
Higher

Actual:
97 ft.

MCDERMOTTROE BROS GETTY INC
251 SUMMER ST
ARLINGTON, MA 02174

Site 1 of 3 in cluster I

MA UST **1000216170**
MA AST **MAD985273937**
RCRA NonGen / NLR
FINDS
ECHO
MA Financial Assurance

UST:

Facility:

Name:	MCDERMOTTROE GETTY INC
Address:	251 SUMMER ST
City,State,Zip:	ARLINGTON, MA 02474
Facility ID:	10056
Owner Id:	4279
Owner:	MCDERMOTTROE GETTY INC
Owner Address:	251 SUMMER ST
Owner City,St,Zip:	ARLINGTON, MA 02474
Telephone:	Not reported
Description:	Retail Motor Vehicle Fuel
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.42307
Longitude:	-71.16646
Contact name:	Not reported
Contact address1:	Not reported
Contact address2:	Not reported
Contact city:	Not reported
Contact state:	Not reported
Contact zip:	Not reported
Contact email:	Not reported
Update:	2015-07-09 00:00:00
Update by:	Not reported
Fac status:	OPEN

Tank ID:	1
Tank Status:	**In Use**
Status Date:	Not reported
Date Installed:	01/01/1984
Capacity:	10000.00000
Contents:	Gasoline
Tank Usage:	Motor Vehi
Tank Leak Detection:	In-Tank Monitoring System
Pipe Leak Detection:	Annual Automatic Line Leak Detection Test
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Single-walled metal tank (cathodic protection required)
Pipe construct:	Double-walled non-corrodible material (No corrosion protection required)
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported

MCDERMOTTROE BROS GETTY INC (Continued) **1000216170**

Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: **In Use**
Status Date: Not reported
Date Installed: 01/01/1984
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: In-Tank Monitoring System
Pipe Leak Detection: Annual Automatic Line Leak Detection Test
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

AST:
Name: Not reported
Address: Not reported
City,State,Zip: MA
Owner Name: Not reported
Tank Type: Not reported
Class: Not reported
Stage I Type: Not reported
CARB # or System Type: Not reported
Test Cycle: Not reported
Date Form Mailed: Not reported
Test Date: Not reported
Postmark Date: Not reported
Due Date: Not reported
Form: Not reported
Form Rcvd and Complete?: Not reported
Facility ID: 10056
Tank ID: 3

MCDERMOTTROE BROS GETTY INC (Continued) **1000216170**

Serial Number:	Not reported
Tank Status:	In Use
Capacity:	250
Contents:	Other
Tank Use:	Not reported
Tank Material:	Steel
Tank Construction:	1 Wall
Tank Leak Detection:	Not reported
Pipe Material:	Flexible
Pipe Construction:	1 Wall
Pipe Leak Detection:	Not reported
Aboveground:	Y

RCRA NonGen / NLR:

Date Form Received by Agency:	1988-09-19 00:00:00.0
Handler Name:	MCDERMOTTROE BROS GETTY INC
Handler Address:	251 SUMMER ST
Handler City,State,Zip:	ARLINGTON, MA 02174
EPA ID:	MAD985273937
Contact Name:	OLIVER MCDERMOTTROE
Contact Address:	251 SUMMER ST
Contact City,State,Zip:	ARLINGTON, MA 02174
Contact Telephone:	617-648-9751
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	MA
State District:	N
Mailing Address:	251 SUMMER ST
Mailing City,State,Zip:	ARLINGTON, MA 02174
Owner Name:	OLIVER MCDERMOTTROE
Owner Type:	Private
Operator Name:	MCDERMOTTROE GETTY OF ARLINGTON INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

MCDERMOTTROE BROS GETTY INC (Continued) **1000216170**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:16:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MCDERMOTTROE GETTY OF ARLINGTON INC
Legal Status:	Private
Date Became Current:	1991-12-08 00:00:00.
Date Ended Current:	2003-01-24 00:00:00.
Owner/Operator Address:	251 SUMMER ST
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLIVER MCDERMOTTROE
Legal Status:	Private

MCDERMOTTROE BROS GETTY INC (Continued) **1000216170**

Date Became Current:	2004-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	251 SUMMER ST
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1988-09-19 00:00:00.0
Handler Name:	MCDERMOTTROE BROS GETTY INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110008416927

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000216170
Registry ID:	110008416927
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008416927

MCDERMOTTROE BROS GETTY INC (Continued) **1000216170**

Name: MCDERMOTTROE GETTY OF ARLINGTON INC
Address: 251 SUMMER ST
City,State,Zip: ARLINGTON, MA 02474

MA Financial Assurance 2:
Name: MCDERMOTTROE GETTY INC
Address: 251 SUMMER ST
City,State,Zip: ARLINGTON, MA 02474
Facility Id: 10056
Description: Private

I35 **CW FUELS** **MA HW GEN** **S121826848**
NNE **251 SUMMER ST** **N/A**
1/8-1/4 **ARLINGTON, MA 02474**
0.159 mi.
839 ft. **Site 2 of 3 in cluster I**

Relative: Higher
Actual: 97 ft.

HW GEN:
Name: CW FUELS
Address: 251 SUMMER ST
City,State,Zip: ARLINGTON, MA 02474
EPA Id: MV6179083847
RCRA Generator Status: Not reported
State Generator Status: VQG-MA

I36 **GETTY STATION** **MA SHWS** **S101025284**
NNE **251 SUMMER ST** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02174** **MA SPILLS**
0.159 mi.
839 ft. **Site 3 of 3 in cluster I**

Relative: Higher
Actual: 97 ft.

SHWS:
Name: GETTY STATION
Address: 251 SUMMER ST
City,State,Zip: ARLINGTON, MA 02174
Facility ID: 3-0004488
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 07/15/1993
Category: NONE
Associated ID: Not reported
Current Status: RAO
Status Date: 07/30/1997
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Not reported

Release:
Name: GETTY STATION
Address: 251 SUMMER ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0004488 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 07/15/1993

GETTY STATION (Continued) **S101025284**

Category:	NONE
Status Date:	07/30/1997
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	6/28/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	7/15/1993
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/30/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported
Location Type:	GASSTATION
Source:	PIPE

MA Spills:

Facility ID:	3-3085	Spill ID:	N89-1843
Staff Lead:	OTTENHEIMER, D	Date Entered:	19891128
Last Entered:	19931202	First Response:	19891031
Spill Date:	19891031	Spill Time:	Not reported
Report Date:	19891031	Report Time:	Not reported
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	GALLONS	Qty Actual:	GALLONS
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	PIPE/HOSE/LINE	Other Source:	Not reported
Incident:	LEAK	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	SA	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	DEP CANNIFF FD		
Notif Tel:	Not reported		
Days/Close:	0		

J37 **STOP & SHOP SUPERMARKET 0776** **RCRA-SQG** **1018156875**
SSE **905 MASSACHUSETTS AVE** **FINDS** **MAC300099934**
1/8-1/4 **ARLINGTON, MA 02476** **ECHO**
0.166 mi.
875 ft. **Site 1 of 4 in cluster J**

Relative: **Lower**
Actual: **79 ft.**

RCRA-SQG:

Date Form Received by Agency:	2015-08-16 00:00:00.0
Handler Name:	STOP & SHOP SUPERMARKET 0776
Handler Address:	905 MASSACHUSETTS AVE
Handler City,State,Zip:	ARLINGTON, MA 02476
EPA ID:	MAC300099934
Contact Name:	JOHN MESHEAU
Contact Address:	1385 HANCOCK ST
Contact City,State,Zip:	QUINCY, MA 02169-0000
Contact Telephone:	617-770-6212
Contact Fax:	Not reported
Contact Email:	JOHN.MESHEAU@AHOLD.COM
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, State-specific Activities
State District Owner:	MA
State District:	N
Mailing Address:	1385 HANCOCK ST
Mailing City,State,Zip:	QUINCY, MA 02169-0000
Owner Name:	PHILLIP MORRIS CAPITAL CORPORATION
Owner Type:	Private
Operator Name:	THE STOP & SHOP SUPERMARKET LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

STOP & SHOP SUPERMARKET 0776 (Continued) **1018156875**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:08:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM

STOP & SHOP SUPERMARKET 0776 (Continued) **1018156875**

Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U008
Waste Description:	2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)
Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U205
Waste Description:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THE STOP & SHOP SUPERMARKET LLC
Legal Status:	Private
Date Became Current:	1958-11-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1385 HANCOCK ST
Owner/Operator City,State,Zip:	QUINCY, MA 02169-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHILLIP MORRIS CAPITAL CORPORATION
Legal Status:	Private
Date Became Current:	2015-08-14 00:00:00.

STOP & SHOP SUPERMARKET 0776 (Continued) **1018156875**

Date Ended Current:	Not reported
Owner/Operator Address:	1385 HANCOCK ST
Owner/Operator City,State,Zip:	QUINCY, MA 02169-0000
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-08-16 00:00:00.0
Handler Name:	STOP & SHOP SUPERMARKET 0776
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44511
NAICS Description:	SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110064849810

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018156875
Registry ID:	110064849810
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064849810
Name:	STOP & SHOP SUPERMARKET 0776

STOP & SHOP SUPERMARKET 0776 (Continued) **1018156875**

Address: 905 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476

J38 **PROPERTY** **MA SHWS** **S100360558**
SSE **905 MASSACHUSETTS AVE** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02174** **MA HW GEN**
0.166 mi.
875 ft. **Site 2 of 4 in cluster J**

Relative:
Lower

Actual:
79 ft.

SHWS:
Name: PROPERTY
Address: 905 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174
Facility ID: 3-0002004
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 04/15/1989
Category: NONE
Associated ID: Not reported
Current Status: RAO
Status Date: 11/15/1995
Phase: PHASE II
Response Action Outcome: A2
Oil Or Haz Material: Not reported

Release:
Name: PROPERTY
Address: 905 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0002004 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 04/15/1989
Category: NONE
Status Date: 11/15/1995
Phase: PHASE II
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Valid Transition Site

PROPERTY (Continued) **S100360558**

Action Date: 4/15/1989
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

HW GEN:
Name: STOP & SHOP SUPERMARKET 0776
Address: 905 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476
EPA Id: MAC300099934
RCRA Generator Status: SQG
State Generator Status: VQG-MA

K39 **MWRA - BRATTLE COURT PUMP STATION** **MA UST** **U000748020**
WNW **18 BRATTLE CT** **MA AIRS** **N/A**
1/8-1/4 **ARLINGTON, MA 02476** **MA HW GEN**
0.183 mi.
968 ft. **Site 1 of 5 in cluster K**

Relative: Higher
Actual: 83 ft.

UST:

Facility:
Name: MWRA - BRATTLE COURT PUMP STATION
Address: 18 BRATTLE CT
City,State,Zip: ARLINGTON, MA 02476
Facility ID: 40562
Owner Id: 4246
Owner: MASSACHUSETTS WATER RESOURCES AUTHORITY
Owner Address: 100 FIRST AVE
Owner City,St,Zip: BOSTON, MA 02129
Telephone: 6172426000
Description: Utilities
Facility address 2: Not reported
Owner address 2: Not reported
Latitude: 42.42247
Longitude: -71.16981
Contact name: Lori Foley
Contact address1: 2 Griffin Way
Contact address2: Not reported
Contact city: Chelsea
Contact state: MA
Contact zip: 02150
Contact email: lori.lapointe@mwra.com
Update: 2015-12-03 00:00:00
Update by: John Vetere
Fac status: OPEN

Tank ID: 1
Tank Status: **Tank Removed**
Status Date: 12/07/1998
Date Installed: 01/01/1981
Capacity: 4000.00000
Contents: Diesel

MWRA - BRATTLE COURT PUMP STATION (Continued) **U000748020**

Tank Usage: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Single-walled metal (Corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: In Use
Status Date: Not reported
Date Installed: 01/17/1999
Capacity: 6000.00000
Contents: Diesel
Tank Usage: Emergency
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.42247
Longitude: -71.16981
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: European suction system
Number of compartment: Not reported
Pipe install date: 01/17/1999
Pipe leak install date: 01/17/1999
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: 01/17/1999
Spill bucket sensor: N
Overfill protect install: 01/17/1999
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

MWRA - BRATTLE COURT PUMP STATION (Continued) **U000748020**

AIRS:

Name:	MWRA ARLINGTON #1 PUMP STATION
Address:	18 BRATTLE CT
Address 2:	Not reported
City,State,Zip:	ARLINGTON, MA 02474
Facility Status:	Not reported
Permit Code:	Not reported
Permit Name:	Not reported
DEP Region:	Not reported
Application Tracking Number:	Not reported
Date Closed:	Not reported
Applicant Name:	Not reported
Applicant Address:	Not reported
Applicant City,St,Zip:	Not reported
Applicant Telephone:	Not reported
AQID:	1191329
Owner Name:	MA WATER RESOURCE AUTHORITY
Latitude:	42.422542
Longitude:	-71.169728
Primary NAICS:	Y
NAICS Code:	221310
NAICS Desc:	Water Supply and Irrigation Systems

AIRS:

Pollutant:	AMMONIA
Actual Emission:	0.0036
Emission Year:	2014
Pollutant:	CARBON MONOXIDE
Actual Emission:	0.0119
Emission Year:	2014
Pollutant:	HALOGENATED ORGANIC COMPOUND
Actual Emission:	0
Emission Year:	2014
Pollutant:	HYDROCARBON
Actual Emission:	0
Emission Year:	2014
Pollutant:	NITROGEN OXIDES (NOx)
Actual Emission:	0.2658
Emission Year:	2014
Pollutant:	PM10, FILTERABLE
Actual Emission:	0.0014
Emission Year:	2014
Pollutant:	PM2.5, FILTERABLE
Actual Emission:	0.0014
Emission Year:	2014
Pollutant:	SULFUR DIOXIDE
Actual Emission:	0.0002
Emission Year:	2014
Pollutant:	VOLATILE ORGANIC COMPOUNDS (VOC)

MWRA - BRATTLE COURT PUMP STATION (Continued) **U000748020**

Actual Emission: 0.0009
Emission Year: 2014

HW GEN:
Name: MWRA BRATTLE COURT PUMP STATION
Address: 18 BRATTLE CT
City,State,Zip: ARLINGTON, MA 02476
EPA Id: MAR000520569
RCRA Generator Status: Not reported
State Generator Status: VQG-MA

K40 **MWRA BRATTLE COURT PUMP STATION** **RCRA NonGen / NLR** **1024881666**
WNW **18 BRATTLE CT** **MAR000520569**
1/8-1/4 **ARLINGTON, MA 02476**
0.183 mi.
968 ft. **Site 2 of 5 in cluster K**

Relative: **Higher**
Actual: **83 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2018-07-09 00:00:00.0
Handler Name:	MWRA BRATTLE COURT PUMP STATION
Handler Address:	18 BRATTLE CT
Handler City,State,Zip:	ARLINGTON, MA 02476
EPA ID:	MAR000520569
Contact Name:	MIKE MCCARTHY
Contact Address:	GRIFFIN WAY
Contact City,State,Zip:	CHELSEA, MA 02150
Contact Telephone:	617-305-5811
Contact Fax:	Not reported
Contact Email:	MIKE.MCCARTHY@MWRA.COM
Contact Title:	SENIOR PROGRAM MANAGER
EPA Region:	01
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	State-specific Activities
State District Owner:	MA
State District:	NE
Mailing Address:	GRIFFIN WAY
Mailing City,State,Zip:	CHELSEA, MA 02150
Owner Name:	MASSACHUSETTS WATER RESOURCES AUTHORITY
Owner Type:	State
Operator Name:	MASSACHUSETTS WATER RESOURCES AUTHORITY
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

MWRA BRATTLE COURT PUMP STATION (Continued) **1024881666**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-07-27 14:36:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MASSACHUSETTS WATER RESOURCES AUTHORITY
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	100 FIRST AVENUE
Owner/Operator City,State,Zip:	CHARLESTOWN, MA 02129
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

MWRA BRATTLE COURT PUMP STATION (Continued) **1024881666**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MASSACHUSETTS WATER RESOURCES AUTHORITY
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2 GRIFFIN WAY
Owner/Operator City,State,Zip: CHELSEA, MA 02150
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2018-07-09 00:00:00.0
Handler Name: MWRA BRATTLE COURT PUMP STATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: MA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 221310
NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L41 **ARLINGTON GRAPHICS INC** **RCRA NonGen / NLR** **1000257500**
West **1050 MASSACHUSETTS AVE** **FINDS** **MAD982545402**
1/8-1/4 **ARLINGTON, MA 02174** **ECHO**
0.203 mi.
1070 ft. **Site 1 of 5 in cluster L**

Relative:
Higher

Actual:
94 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 1987-11-30 00:00:00.0
Handler Name: ARLINGTON GRAPHICS INC
Handler Address: 1050 MASSACHUSETTS AVE
Handler City,State,Zip: ARLINGTON, MA 02174
EPA ID: MAD982545402
Contact Name: STEVEN MUSSELMAN
Contact Address: 1050 MASS AVE
Contact City,State,Zip: ARLINGTON, MA 02174
Contact Telephone: 617-641-1860
Contact Fax: Not reported

ARLINGTON GRAPHICS INC (Continued) **1000257500**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	MA
State District:	N
Mailing Address:	1050 MASS AVE
Mailing City,State,Zip:	ARLINGTON, MA 02174
Owner Name:	ARLINGTON GRAPHICS INC
Owner Type:	Private
Operator Name:	ARLINGTON GRAPHICS INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

ARLINGTON GRAPHICS INC (Continued) **1000257500**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:15:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D011
Waste Description:	SILVER

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARLINGTON GRAPHICS INC
Legal Status:	Private
Date Became Current:	2004-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1050 MASS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARLINGTON GRAPHICS INC
Legal Status:	Private
Date Became Current:	1991-12-08 00:00:00.
Date Ended Current:	1994-06-30 00:00:00.
Owner/Operator Address:	1050 MASS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-11-30 00:00:00.0
Handler Name: ARLINGTON GRAPHICS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

ARLINGTON GRAPHICS INC (Continued) **1000257500**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008415697

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000257500
Registry ID: 110008415697
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008415697
Name: ARLINGTON GRAPHICS INC
Address: 1050 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174

J42 **ANDERSON & SONS INC** **MA LUST** **S102086411**
SSE **895-901 MASSACHUSETTS AVE** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02474**
0.203 mi.
1074 ft. **Site 3 of 4 in cluster J**

Relative: Higher
Actual: 80 ft.

LUST:

Facility:
Name: ANDERSON & SONS INC
Address: 895-901 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0012118 / RAO
Status Date: 02/16/1995
Source Type: UST
Release Town: ARLINGTON

ANDERSON & SONS INC (Continued) **S102086411**

Notification Date:	01/30/1995
Category:	72 HR
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	VOCS
Quantity:	226 parts per million
Chemical:	#2 FUEL OIL
Quantity:	220 parts per million

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/30/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/30/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	2/16/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/16/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/16/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Name:	ANDERSON & SONS INC
Address:	895-901 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000

ANDERSON & SONS INC (Continued) **S102086411**

Release Tracking Number/Current Status:	3-0012118 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/30/1995
Category:	72 HR
Status Date:	02/16/1995
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/30/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/30/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	2/16/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/16/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/16/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	VOCS
Quantity:	226 parts per million
Chemical:	#2 FUEL OIL
Quantity:	220 parts per million
Location Type:	COMMERCIAL
Source:	UST

K43
WNW
1/8-1/4
0.210 mi.
1110 ft.

RESIDENTIAL
21 LAUREL STREET
ARLINGTON, MA

Site 3 of 5 in cluster K

MA SHWS **S113411707**
MA RELEASE **N/A**
MA ASBESTOS
MA ENF

Relative:
Lower

Actual:
79 ft.

SHWS:

Name:	RESIDENTIAL
Address:	21 LAUREL STREET
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0031334
Source Type:	FORMER
Release Town:	ARLINGTON
Notification Date:	02/02/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	RESIDENTIAL
Address:	21 LAUREL STREET
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0031334
Source Type:	DRY
Release Town:	ARLINGTON
Notification Date:	02/02/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	RESIDENTIAL
Address:	21 LAUREL STREET
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0031334
Source Type:	CLEANER
Release Town:	ARLINGTON
Notification Date:	02/02/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Release:

Name:	RESIDENTIAL
Address:	21 LAUREL STREET
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0031334 / TIERI
Primary ID:	Not reported
Official City:	ARLINGTON

RESIDENTIAL (Continued) **S113411707**

Notification: 02/02/2013
Category: TWO HR
Status Date: 10/26/2018
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 12/9/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/9/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 12/9/2013
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/2/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action

RESIDENTIAL (Continued) **S113411707**

Action Date: 2/2/2013
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/21/2013
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 2/21/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 4/3/2013
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/3/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINI
Action Date: 4/3/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/3/2013
Response Action Outcome: Not reported

RESIDENTIAL (Continued) **S113411707**

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/3/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/13/2015
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/31/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/31/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal

RESIDENTIAL (Continued) **S113411707**

Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/17/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 19.19 UG/M3
Chemical: TRICHLOROETHENE
Quantity: 5.8 UG/M3
Chemical: PERCHLOROETHYLENE
Quantity: 19.19 UG/M3
Location Type: RESIDNTIAL
Source: DRY
Source: CLEANER
Source: FORMER

ASBESTOS:
Name: TOM MCDONAUGH
Address: 21 LAUREL ST.
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 10/04/2008
End Date: 10/04/2008
Date Entered: Not reported
Entry Date: 09/22/2008
Quantity Materical Removed SF: 30.00
Quantity Material Removed LF: 45.00
Project Description: Blr,Spr
AR Tracking ID: 104291
Super Lic Number: AS000339

RESIDENTIAL (Continued) **S113411707**

Monitor Lic Number:	AA000144
Lab Lic Number:	Not reported
Year:	2008
Sticker Number:	100078708
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	BASEMENT
Occupied:	-1
Contractor:	AC000511
Contract Type:	WRITTEN
Hours:	Week days: 8AM-3 Week end:
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	FULL CONTAINMENT
Disposal Methods:	WET ACM PACKED IN DOUBLE BAG 6MIL LABELED"ASBESTOS"
Facility Usage:	RESIDENTIAL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	SAME
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	2000
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	JIM NET
Cert Sign Date:	09/22/2008
Certified Company:	NA, INC
Certified Phone:	7815893161
Entered_by:	Not reported

ENFORCEMENT:

Name:	RC REALTY TRUST
Address:	21 LAUREL STREET
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0031334
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported

RESIDENTIAL (Continued) **S113411707**

Town Where Violation Occurred:	ARLINGTON
Date Executed:	02/21/2013
ENF #:	Faux Enf- 1706
Document Type:	IDL
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T

J44 **ARLINGTON LITHOGRAPH CO INC** **MA SHWS** **S113410810**
SE **6 SCHOULER CT** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02474** **MA ASBESTOS**
0.211 mi. **MA HW GEN**
1116 ft. **Site 4 of 4 in cluster J**

Relative: **Lower**

Actual: **78 ft.**

SHWS:

Name:	COMMERCIAL PROPERTY
Address:	6 SCHOULER COURT
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0036778
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	03/18/2021
Category:	72 HR
Associated ID:	Not reported
Current Status:	UNCLSS
Status Date:	03/18/2021
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	COMMERCIAL PROPERTY
Address:	6 SCHOULER COURT
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0036778
Source Type:	SUSPECTED
Release Town:	ARLINGTON
Notification Date:	03/18/2021
Category:	72 HR
Associated ID:	Not reported
Current Status:	UNCLSS
Status Date:	03/18/2021
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	COMMERCIAL PROPERTY
Address:	6 SCHOULER COURT

ARLINGTON LITHOGRAPH CO INC (Continued) **S113410810**

City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0036778
Source Type: 31392
Release Town: ARLINGTON
Notification Date: 03/18/2021
Category: 72 HR
Associated ID: Not reported
Current Status: UNCLSS
Status Date: 03/18/2021
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Release:
Name: COMMERCIAL PROPERTY
Address: 6 SCHOULER COURT
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0036778 / UNCLSS
Primary ID: Not reported
Official City: ARLINGTON
Notification: 03/18/2021
Category: 72 HR
Status Date: 03/18/2021
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Compliance and Enforcement Action
Action Status: SIGACC
Action Date: 12/1/2020
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: REQACC
Action Date: 12/1/2020
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDDO
Action Date: 12/13/2020
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: REQACC
Action Date: 12/21/2020
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: SIGACC
Action Date: 12/21/2020
Response Action Outcome: Not reported

Action Type: Release Disposition

ARLINGTON LITHOGRAPH CO INC (Continued) **S113410810**

Action Status: Reportable Release under MGL 21E
Action Date: 3/18/2021
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: NOAPP
Action Date: 3/18/2021
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/23/2021
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: RFI
Action Date: 3/9/2021
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 4/21/2021
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/28/2021
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 18000 UG/M3
Location Type: SCHOOL
Location Type: COMMERCIAL
Location Type: PRIVPROP
Source: UNKNOWN
Source: 31392
Source: SUSPECTED

ASBESTOS:
Name: 6 SCHOULER COURT ARLINGTON, MA 02476
Address: 6 SCHOULER COURT
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 05/08/2019
End Date: 05/08/2019
Date Entered: Not reported
Entry Date: 04/25/2019
Quantity Materical Removed SF: 120
Quantity Material Removed LF: Not reported
Project Description: OTHER FLOOR TILES
AR Tracking ID: 318237
Super Lic Number: AS002013
Monitor Lic Number: AM060297

ARLINGTON LITHOGRAPH CO INC (Continued) **S113410810**

Lab Lic Number:	AA000131
Year:	2019
Sticker Number:	100307082
Form Type:	ANF-001
Fee Status:	HUNDRED
Facility Phone:	7813080277
Sub Town:	Not reported
Worksite:	1ST FLOOR
Occupied:	0
Contractor:	AC000774
Contract Type:	WRITTEN
Hours:	8-8PM
Project Type:	Renv
Abatement Process:	Encl,Fcontain
Location:	INDOORS
Decon Process:	THREE CHAMBERS
Disposal Methods:	WET AND DOUBLE BAGGED SIX MIL OSHA & GENERATOR LABEL, CLOSED CONTAINER
Facility Usage:	RESIDENTIAL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	-1
Owner Name:	NA
Owner Address:	NA
Owner City:	NA
Owner State:	MA
On Site Manager Name:	NA
On Site Manager Phone:	0000000000
Ins Comp:	LIBERTY MUTUAL
Policy Number:	31S381531018
EXP Date:	4/28/2020
Facility Size:	10580
Transporter Name:	IMPRESAIR ENV CORP
Transporter Address:	407 REAR MYSTIC AVE SUITE 14
Transporter City:	MEDFORD
Transporter State:	MA
Final Site:	Not reported
Certified Name:	MARIA NAJARRO
Cert Sign Date:	04/25/2019
Certified Company:	IMPRESAIR ENV CORP
Certified Phone:	6176257106
Entered_by:	MARIA1
Name:	OWNER
Address:	6 SCHOULER COURT
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	10/22/2014
End Date:	10/25/2014
Date Entered:	Not reported
Entry Date:	10/04/2014
Quantity Materical Removed SF:	.00
Quantity Material Removed LF:	500.00
Project Description:	Spr
AR Tracking ID:	199535

ARLINGTON LITHOGRAPH CO INC (Continued) **S113410810**

Super Lic Number:	AS032802
Monitor Lic Number:	AA000131
Lab Lic Number:	AA000131
Year:	2014
Sticker Number:	100208837
Form Type:	ANF-001
Fee Status:	HUNDRED
Facility Phone:	0000000000
Sub Town:	Not reported
Worksite:	BASEMENT
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	8AM-5PM
Project Type:	Renv
Abatement Process:	Fcontain
Location:	INDOORS
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PROPERLY SEALED IN SIX MIL POLY BAGS PLACARDED FOR ASBESTOS
Facility Usage:	RESIDENTIAL DWELLING
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	SAME
Owner Address:	SAME
Owner City:	SAME
Owner State:	MA
On Site Manager Name:	N/A
On Site Manager Phone:	0000000000
Ins Comp:	AIM MUTUAL
Policy Number:	7026686
EXP Date:	7/9/2015
Facility Size:	0
Transporter Name:	DUDLEY SERVICES
Transporter Address:	1 GARFIELD CIRCLE
Transporter City:	BURLINGTON
Transporter State:	MA
Final Site:	Not reported
Certified Name:	SAMUEL NIGRO
Cert Sign Date:	10/04/2014
Certified Company:	DUDLEY SERVICES
Certified Phone:	7812702650
Entered_by:	DUDLEYSERVICES

HW GEN:

Name:	ARLINGTON LITHOGRAPH CO INC
Address:	6 SCHOULER CT
City,State,Zip:	ARLINGTON, MA 02474
EPA Id:	MV6176468815
RCRA Generator Status:	VSQG
State Generator Status:	Not reported

K45 **RESIDENCE** **MA SHWS** **S113411759**
WNW **25-27 LAUREL STREET** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02476** **MA ENF**
0.216 mi.
1141 ft. **Site 4 of 5 in cluster K**

Relative:
Higher

Actual:
80 ft.

SHWS:

Name:	RESIDENCE
Address:	25-27 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031403
Source Type:	FMR
Release Town:	ARLINGTON
Notification Date:	02/28/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	RESIDENCE
Address:	25-27 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031403
Source Type:	DRY
Release Town:	ARLINGTON
Notification Date:	02/28/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	RESIDENCE
Address:	25-27 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031403
Source Type:	CLEANERS
Release Town:	ARLINGTON
Notification Date:	02/28/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Release:

Name:	RESIDENCE
Address:	25-27 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0031403 / TIERI
Primary ID:	Not reported
Official City:	ARLINGTON

RESIDENCE (Continued) **S113411759**

Notification: 02/28/2013
Category: TWO HR
Status Date: 10/26/2018
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/31/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 12/31/2013
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 12/9/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 2/28/2013
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E

RESIDENCE (Continued) **S113411759**

Action Date: 2/28/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/18/2013
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 3/18/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/29/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINI
Action Date: 4/29/2013
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/29/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/29/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 4/29/2013
Response Action Outcome: Not reported

RESIDENCE (Continued) **S113411759**

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/13/2015
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/13/2015
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/28/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT

RESIDENCE (Continued) **S113411759**

Action Date: 6/28/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/17/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Chemicals:
Chemical: TRICHLOROETHYLENE
Quantity: 2.63 UG/M3
Location Type: RESIDNTIAL
Source: CLEANERS
Source: DRY
Source: FMR

ENFORCEMENT:
Name: RC REALTY TRUST
Address: 25-27 LAUREL STREET
City,State,Zip: ARLINGTON, MA 024760000
Region: NERO
DEP Region: NERO
DEP Program: 3r
DEP Bureau: BWSC
Program: BWSC
Program Id: 3-0031403
High Or Low Level Enforcement: LLE
FMF #: 0
Comptroller Billing Name: Not reported
Town Where Violation Occurred: ARLINGTON
Date Executed: 03/18/2013

RESIDENCE (Continued) **S113411759**

ENF #:	Faux Enf- 1707
Document Type:	IDL
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T

M46 **887 MASSACHUSETTS AVENUE** **MA SHWS** **S118947436**
SSE **887 MASSACHUSETTS AVENUE** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02476**
0.218 mi.
1150 ft. **Site 1 of 10 in cluster M**

Relative: **Lower**
Actual: **79 ft.**

SHWS:

Name:	887 MASSACHUSETTS AVENUE
Address:	887 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0033740
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	08/08/2016
Category:	120 DY
Associated ID:	Not reported
Current Status:	DPS
Status Date:	12/21/2016
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Release:

Name:	887 MASSACHUSETTS AVENUE
Address:	887 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0033740 / DPS
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	08/08/2016
Category:	120 DY
Status Date:	12/21/2016
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RLFA

887 MASSACHUSETTS AVENUE (Continued) **S118947436**

Action Status: FLDDO
Action Date: 12/13/2020
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/21/2016
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDDO
Action Date: 2/28/2021
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/24/2016
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/8/2016
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/8/2016
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 8/8/2016
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 52 parts per billion
Source: UNKNOWN

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47 South 1/8-1/4 0.221 mi. 1165 ft.

NO LOCATION AID
22 MOULTON RD
ARLINGTON, MA 02474

MA SHWS **S102555470**
MA RELEASE **N/A**

Relative: Higher

Actual: 126 ft.

SHWS:
Name: NO LOCATION AID
Address: 22 MOULTON RD
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0014728
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 01/13/1997
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 12/07/2001

NO LOCATION AID (Continued) **S102555470**

Phase: PHASE II
Response Action Outcome: A2
Oil Or Haz Material: Oil

Release:
Name: NO LOCATION AID
Address: 22 MOULTON RD
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0014728 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 01/13/1997
Category: 120 DY
Status Date: 12/07/2001
Phase: PHASE II
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/13/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/13/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 1/13/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/13/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 1/13/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 12/7/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S102555470**

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 12/7/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/14/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/21/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/11/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/4/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 10000 parts per million

M48 **ARLINGTON CLEANERS** **MA DRYCLEANERS** **S106488312**
SSE **888 MASSACHUSETTS AVE** **N/A**
1/8-1/4 **ARLINGTON, MA 02474**
0.224 mi.
1185 ft. **Site 2 of 10 in cluster M**

Relative: Higher
Actual: 81 ft.

DRYCLEANERS:
Name: ARLINGTON CLEANERS
Address: 888 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 387352
Classification Type: Non-applicability classification--still in business but not using perc
Reg Obj Contact: Woo Tack Kim
Reg Obj Mail Address: 888 Massachusetts Avenue
Mail Town Name: Arlington
Mail Zip Code: 024740000
DEP Region Code: NE
Mailing State: MA
Reg Obj Phone: 7816487082

K49 **RESIDENCE** **MA SHWS** **S112288356**
WNW **29 LAUREL STREET** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02476** **MA ENF**
0.225 mi.
1189 ft. **Site 5 of 5 in cluster K**

Relative:
Higher

Actual:
81 ft.

SHWS:

Name:	RESIDENCE
Address:	29 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031189
Source Type:	HISTORIC
Release Town:	ARLINGTON
Notification Date:	10/26/2012
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	RESIDENCE
Address:	29 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031189
Source Type:	RTN
Release Town:	ARLINGTON
Notification Date:	10/26/2012
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	RESIDENCE
Address:	29 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031189
Source Type:	3-3999
Release Town:	ARLINGTON
Notification Date:	10/26/2012
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Release:

Name:	RESIDENCE
Address:	29 LAUREL STREET
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0031189 / TIERI
Primary ID:	Not reported
Official City:	ARLINGTON

RESIDENCE (Continued) **S112288356**

Notification: 10/26/2012
Category: TWO HR
Status Date: 10/26/2018
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/26/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/26/2012
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 11/5/2012
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

RESIDENCE (Continued) **S112288356**

Action Date: 11/5/2012
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/24/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/24/2012
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/24/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINI
Action Date: 2/22/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/22/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

RESIDENCE (Continued) **S112288356**

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/13/2015
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/22/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 8/22/2013
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 8/6/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension

RESIDENCE (Continued) **S112288356**

Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 55 UG/M3
Location Type: RESIDNTIAL
Source: 3-3999
Source: RTN
Source: HISTORIC

ENFORCEMENT:
Name: OLIVIER HUMBERT AS MANAGER OF RC REALTY TRUST
Address: 29 LAUREL STREET
City,State,Zip: ARLINGTON, MA 024760000
Region: NERO
DEP Region: NERO
DEP Program: 3p
DEP Bureau: BWSC
Program: BWSC
Program Id: 3-0031189
High Or Low Level Enforcement: LLE
FMF #: 0
Comptroller Billing Name: Not reported
Town Where Violation Occurred: ARLINGTON
Date Executed: 11/05/2012
ENF #: Faux Enf- 1534
Document Type: IDL
AG Ref (Y/N): Not reported
Doc Archived (Y/N): Not reported
EJ Community (Y/N): NO
Regional Comment: Not reported
Final Payment Due Date: Not reported
ACOP $: Not reported
PAN $: Not reported
EMS (Y/N): Not reported
EMS$: Not reported
SEP (Y/N): Not reported
SEP $: Not reported
Demand $: Not reported
Suspended $: Not reported
Ownership: T

50
NNE
1/8-1/4
0.226 mi.
1192 ft.

HOMEOWNER
25 HEMLOCK ST
ARLINGTON, MA 02474

MA SHWS **S108347969**
MA LAST **N/A**
MA RELEASE

Relative:
Higher

Actual:
145 ft.

SHWS:

Name:	HOMEOWNER
Address:	25 HEMLOCK ST
City,State,Zip:	ARLINGTON, MA 024742107
Facility ID:	3-0026439
Source Type:	PIPE
Release Town:	ARLINGTON
Notification Date:	12/02/2006
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	07/29/2010
Phase:	PHASE IV
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

LAST:

Name:	HOMEOWNER
Address:	25 HEMLOCK ST
City,State,Zip:	ARLINGTON, MA 024742107
Release Tracking Number/Current Status:	3-0026439 / RAO
Source Type:	AST
Release Town:	ARLINGTON
Notification Date:	12/02/2006
Category:	TWO HR
Associated ID:	Not reported
Status Date:	07/29/2010
Phase:	PHASE IV
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil

Chemicals:

Chemical:	#2 FUEL OIL
Quantity:	150 gallons
Chemical:	FUEL OIL #2
Quantity:	10 gallons
Location Type:	RESIDNTIAL
Source:	PIPE
Source:	AST

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	1/10/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/30/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

HOMEOWNER (Continued) **S108347969**

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 1/31/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/4/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 1/5/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/3/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/3/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/6/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 11/14/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/13/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/13/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 12/13/2007

HOMEOWNER (Continued) **S108347969**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 12/15/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/15/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: FLDISS
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/20/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 12/7/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/7/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

HOMEOWNER (Continued) **S108347969**

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/7/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 12/9/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 12/9/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/14/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 2/16/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/16/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/9/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/31/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/8/2010

HOMEOWNER (Continued) **S108347969**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 3/8/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 4/2/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/5/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/29/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 5/29/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/4/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 7/13/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 7/15/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 7/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

HOMEOWNER (Continued) **S108347969**

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: HOMEOWNER
Address: 25 HEMLOCK ST
City,State,Zip: ARLINGTON, MA 024742107
Release Tracking Number/Current Status: 3-0026439 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 12/02/2006
Category: TWO HR
Status Date: 07/29/2010
Phase: PHASE IV
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 1/10/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/30/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 1/31/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/4/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 1/5/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

HOMEOWNER (Continued) **S108347969**

Action Status: Status or Interim Report Received
Action Date: 10/3/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/3/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/6/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 11/14/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/13/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/13/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 12/13/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 12/15/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/15/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

HOMEOWNER (Continued) **S108347969**

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: FLDISS
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 12/2/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/20/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 12/7/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/7/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/7/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 12/9/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 12/9/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

HOMEOWNER (Continued) **S108347969**

Action Status: Written Approval of Plan
Action Date: 2/14/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 2/16/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/16/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/9/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/31/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 3/8/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 4/2/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/5/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

HOMEOWNER (Continued) **S108347969**

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/29/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 5/29/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/4/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 7/13/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 7/15/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 7/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 150 gallons
Chemical: FUEL OIL #2
Quantity: 10 gallons
Location Type: RESIDNTIAL
Source: PIPE
Source: AST

51
East
1/8-1/4
0.228 mi.
1203 ft.

NO LOCATION AID
159 SUMMER ST
ARLINGTON, MA 02474

MA LAST
MA RELEASE

S107678236
N/A

Relative:
Higher

Actual:
80 ft.

LAST:

Name:	NO LOCATION AID
Address:	159 SUMMER ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0025592 / RAO
Source Type:	AST
Release Town:	ARLINGTON
Notification Date:	01/19/2006
Category:	TWO HR
Associated ID:	Not reported
Status Date:	01/17/2007
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil

Chemicals:

Chemical:	#2 FUEL OIL
Quantity:	60 gallons
Chemical:	FUEL OIL #2
Quantity:	10 gallons
Location Type:	RESIDNTIAL
Source:	AST

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/17/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/19/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/19/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/19/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	1/20/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

NO LOCATION AID (Continued) **S107678236**

Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	1/22/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	12/11/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/10/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	3/27/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Name:	NO LOCATION AID
Address:	159 SUMMER ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0025592 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/19/2006
Category:	TWO HR
Status Date:	01/17/2007
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/17/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/19/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action

NO LOCATION AID (Continued) **S107678236**

Action Status: Oral Approval of Plan or Action
Action Date: 1/19/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/19/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/20/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 1/22/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 12/11/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/10/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 3/27/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 60 gallons
Chemical: FUEL OIL #2
Quantity: 10 gallons
Location Type: RESIDNTIAL
Source: AST

M52 **882-892 MASSACHUSETTS AVENUE LLC** **MA HW GEN** **S125166755**
SSE **882-892 MASSACHUSETTS AVE** **N/A**
1/8-1/4 **ARLINGTON, MA 02474**
0.232 mi.
1223 ft. **Site 3 of 10 in cluster M**

Relative: **Higher**
Actual: **81 ft.**

HW GEN:

Name:	882-892 MASSACHUSETTS AVENUE LLC
Address:	882-892 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02474
EPA Id:	MAR000588871
RCRA Generator Status:	LQG
State Generator Status:	LQG-MA

M53 **FRESH TOUCH CLEANERS** **RCRA NonGen / NLR** **1000381248**
SSE **882 MASSACHUSETTS AVE** **FINDS** **MAD072467087**
1/8-1/4 **ARLINGTON, MA 02174** **ECHO**
0.232 mi.
1223 ft. **Site 4 of 10 in cluster M**

Relative: **Higher**
Actual: **81 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		1984-07-17 00:00:00.0
Handler Name:	FRESH TOUCH CLEANERS	
Handler Address:		882 MASSACHUSETTS AVE
Handler City,State,Zip:		ARLINGTON, MA 02174
EPA ID:		MAD072467087
Contact Name:		BRUCE SMITH
Contact Address:		882 MASS AVE
Contact City,State,Zip:		ARLINGTON, MA 02174
Contact Telephone:		617-643-0220
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		01
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		MA
State District:		N
Mailing Address:		882 MASS AVE
Mailing City,State,Zip:		ARLINGTON, MA 02174
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		FRESH TOUCH CLEANERS
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

FRESH TOUCH CLEANERS (Continued) **1000381248**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:12:26.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

FRESH TOUCH CLEANERS (Continued) **1000381248**

Handler - Owner Operator:
- Owner/Operator Indicator: Operator
- Owner/Operator Name: FRESH TOUCH CLEANERS
- Legal Status: Private
- Date Became Current: 1990-03-01 00:00:00.
- Date Ended Current: 1991-06-30 00:00:00.
- Owner/Operator Address: 882 MASS AVE
- Owner/Operator City,State,Zip: ARLINGTON, MA 02174
- Owner/Operator Telephone: Not reported
- Owner/Operator Telephone Ext: Not reported
- Owner/Operator Fax: Not reported
- Owner/Operator Email: Not reported

Historic Generators:
- Receive Date: 1984-07-17 00:00:00.0
- Handler Name: FRESH TOUCH CLEANERS
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: MA
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

FINDS:
- Registry ID: 110008406028

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

FRESH TOUCH CLEANERS (Continued) **1000381248**

ECHO:

Envid:	1000381248
Registry ID:	110008406028
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008406028
Name:	FRESH TOUCH CLEANERS
Address:	882 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174

M54 **ARLINGTON TAILORING AND CLEANING** **MA SHWS** **S113882732**
SSE **882-892 MASSACHUSETTS AVENUE** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02476**
0.232 mi.
1223 ft. **Site 5 of 10 in cluster M**

Relative:
Higher

Actual:
81 ft.

SHWS:

Name:	ARLINGTON TAILORING AND CLEANING
Address:	882-892 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031723
Source Type:	DRY
Release Town:	ARLINGTON
Notification Date:	08/22/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	11/15/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	ARLINGTON TAILORING AND CLEANING
Address:	882-892 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031723
Source Type:	CLEANING
Release Town:	ARLINGTON
Notification Date:	08/22/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	11/15/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	ARLINGTON TAILORING AND CLEANING
Address:	882-892 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031723
Source Type:	BUSINESS
Release Town:	ARLINGTON
Notification Date:	08/22/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	11/15/2018
Phase:	Not reported

ARLINGTON TAILORING AND CLEANING (Continued) **S113882732**

Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: ARLINGTON TAILORING AND CLEANING
Address: 882-892 MASSACHUSETTS AVENUE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0031723
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 08/22/2013
Category: TWO HR
Associated ID: Not reported
Current Status: RAONR
Status Date: 11/15/2018
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Release:
Name: ARLINGTON TAILORING AND CLEANING
Address: 882-892 MASSACHUSETTS AVENUE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0031723 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 08/22/2013
Category: TWO HR
Status Date: 11/15/2018
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/15/2018
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 11/15/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 11/15/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 12/10/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action

ARLINGTON TAILORING AND CLEANING (Continued) **S113882732**

Action Status: Imminent Hazard Evaluation Received
Action Date: 12/27/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/27/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 4/10/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCTRAN
Action Date: 4/10/2020
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/4/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 8/22/2013
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/22/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 8/6/2020
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/3/2013

ARLINGTON TAILORING AND CLEANING (Continued) **S113882732**

Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 9/3/2013
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 2735 UG/M3
Chemical: TRICHLOROETHYLENE
Quantity: 28 UG/M3
Location Type: PRIVPROP
Location Type: COMMERCIAL
Source: CLEANING
Source: BUSINESS
Source: UNKNOWN
Source: DRY

M55 **COMMERCIAL PROPERTY** **MA SHWS** **S127336077**
SSE **882-892 MASSACHUSETTS AVENUE** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02476**
0.232 mi.
1223 ft. **Site 6 of 10 in cluster M**

Relative: Higher
Actual: 81 ft.

SHWS:
Name: COMMERCIAL PROPERTY
Address: 882-892 MASSACHUSETTS AVENUE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0036739
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 03/12/2021
Category: 120 DY
Associated ID: Not reported
Current Status: UNCLSS
Status Date: 03/12/2021
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Oil and Hazardous Material

Release:
Name: COMMERCIAL PROPERTY
Address: 882-892 MASSACHUSETTS AVENUE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0036739 / UNCLSS
Primary ID: Not reported

COMMERCIAL PROPERTY (Continued) **S127336077**

Official City:	ARLINGTON
Notification:	03/12/2021
Category:	120 DY
Status Date:	03/12/2021
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/12/2021
Response Action Outcome:	Not reported

Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/12/2021
Response Action Outcome:	Not reported

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/12/2021
Response Action Outcome:	Not reported

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/24/2021
Response Action Outcome:	Not reported

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/26/2021
Response Action Outcome:	Not reported

Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	4/5/2021
Response Action Outcome:	Not reported

Action Type:	Release Abatement Measure
Action Status:	Modified Revised or Updated Plan Received
Action Date:	5/28/2021
Response Action Outcome:	Not reported

Chemicals:

Chemical:	TPH
Quantity:	1250 milligrams per kilogram
Chemical:	2-METHYLNAPHTHALENE
Quantity:	2.28 milligrams per kilogram
Chemical:	LEAD
Quantity:	0.015 milligrams per kilogram
Source:	UNKNOWN

M56 **882-892 MASSACHUSETTS AVENUE LLC** **RCRA-LQG** **1026496546**
SSE **882-892 MASSACHUSETTS AVE** **MAR000588871**
1/8-1/4 **ARLINGTON, MA 02474**
0.232 mi.
1223 ft. **Site 7 of 10 in cluster M**

Relative: **Higher**
Actual: **81 ft.**

RCRA-LQG:

Date Form Received by Agency:	2020-11-24 00:00:00.0
Handler Name:	882-892 MASSACHUSETTS AVENUE LLC
Handler Address:	882-892 MASSACHUSETTS AVE
Handler City,State,Zip:	ARLINGTON, MA 02474
EPA ID:	MAR000588871
Contact Name:	CYNTHIA PASCIUTO
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	781-648-9867
Contact Fax:	Not reported
Contact Email:	CYNTHIA@PASCIUTOPROPERTIES.COM
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, State-specific Activities
State District Owner:	MA
State District:	NE
Mailing Address:	MASSACHUSETTS AVE
Mailing City,State,Zip:	ARLINGTON, MA 02474
Owner Name:	882-892 MASSACHUSETTS AVENUE LLC
Owner Type:	Private
Operator Name:	882-892 MASSACHUSETTS AVENUE LLC
Operator Type:	Private
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

882-892 MASSACHUSETTS AVENUE LLC (Continued) **1026496546**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-25 15:59:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	882-892 MASSACHUSETTS AVENUE LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	882-892 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02474
Owner/Operator Telephone:	781-648-9867
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	CYNTHIA@PASCIUTOPROPERTIES.COM

882-892 MASSACHUSETTS AVENUE LLC (Continued) **1026496546**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	882-892 MASSACHUSETTS AVENUE LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	882-892 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02474
Owner/Operator Telephone:	781-648-9867
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	CYNTHIA@PASCIUTOPROPERTIES.COM

Historic Generators:

Receive Date:	2020-11-24 00:00:00.0
Handler Name:	882-892 MASSACHUSETTS AVENUE LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	53131
NAICS Description:	REAL ESTATE PROPERTY MANAGERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

M57 **COMMERCIAL PROPERTY** **MA SHWS** **S127590222**
SSE **882-892 MASSACHUSETTS AVE** **MA RELEASE** **N/A**
1/8-1/4 **ARLINGTON, MA 02476**
0.232 mi.
1223 ft. **Site 8 of 10 in cluster M**

Relative: Higher
Actual: 81 ft.

SHWS:

Name:	COMMERCIAL PROPERTY
Address:	882-892 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0031392
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	02/21/2013
Category:	120 DY
Associated ID:	3-0031392
Current Status:	TIERII
Status Date:	09/03/2013
Phase:	PHASE IV

COMMERCIAL PROPERTY (Continued) **S127590222**

Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Release:
Name: COMMERCIAL PROPERTY
Address: 882-892 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0031392 / TIERII
Primary ID: 3-0031392
Official City: ARLINGTON
Notification: 02/21/2013
Category: 120 DY
Status Date: 09/03/2013
Phase: PHASE IV
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 1/10/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 1/10/2018
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 1/10/2018
Response Action Outcome: Not reported

Action Type: FTLI
Action Status: APPDEN
Action Date: 1/15/2020
Response Action Outcome: Not reported

Action Type: FTLI
Action Status: APPREC
Action Date: 11/1/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 11/15/2018
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 11/27/2018
Response Action Outcome: Not reported

Action Type: Release Disposition

COMMERCIAL PROPERTY (Continued) **S127590222**

Action Status: Reportable Release under MGL 21E
Action Date: 11/5/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 12/10/2018
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDDO
Action Date: 12/13/2020
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/15/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 12/15/2014
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 12/6/2019
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 2/21/2013
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/21/2013
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Release or TOR Less than Reporting Requirement
Action Date: 2/21/2013
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDDO
Action Date: 2/28/2021
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/8/2016
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 3/2/2017

COMMERCIAL PROPERTY (Continued) **S127590222**

Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/3/2017
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 3/3/2017
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 4/10/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCTRAN
Action Date: 4/10/2020
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 4/24/2020
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Revised Statement or Transmittal Received
Action Date: 4/26/2018
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/26/2021
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 4/5/2021
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 5/21/2019
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 5/21/2019
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 5/28/2021
Response Action Outcome: Not reported

COMMERCIAL PROPERTY (Continued) **S127590222**

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 6/11/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/18/2015
Response Action Outcome: Not reported

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/30/2021
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 6/5/2019
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 7/12/2013
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/12/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 7/21/2017
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 7/24/2019
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: PRPMTG
Action Date: 7/30/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 8/27/2015
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received

COMMERCIAL PROPERTY (Continued) **S127590222**

Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/3/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 9/3/2013
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 48000 micrograms per liter
Chemical: TRICHLOROETHYLENE
Quantity: 300 UG/M3
Chemical: TETRACHLOROETHYLENE
Quantity: 17000 UG/M3
Location Type: SCHOOL
Location Type: RESIDNTIAL
Location Type: COMMERCIAL
Source: UNKNOWN

L58 **BARBARA A LAWNICKI DMD PC** **MA HW GEN** **S126491646**
West **1068 MASSACHUSETTS AVE** **N/A**
1/8-1/4 **ARLINGTON, MA 02476**
0.232 mi.
1227 ft. **Site 2 of 5 in cluster L**

Relative:
Higher

Actual:
97 ft.

HW GEN:
Name: BARBARA A LAWNICKI DMD PC
Address: 1068 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476
EPA Id: MAR000582635
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

L59 **BARBARA A LAWNICKI DMD PC** **RCRA-VSQG** **1026495939**
West **1068 MASSACHUSETTS AVE** **MAR000582635**
1/8-1/4 **ARLINGTON, MA 02476**
0.232 mi.
1227 ft. **Site 3 of 5 in cluster L**

Relative:
Higher

Actual:
97 ft.

RCRA-VSQG:
Date Form Received by Agency: 2020-07-02 00:00:00.0
Handler Name: BARBARA A LAWNICKI DMD PC
Handler Address: 1068 MASSACHUSETTS AVE
Handler City,State,Zip: ARLINGTON, MA 02476
EPA ID: MAR000582635

BARBARA A LAWNICKI DMD PC (Continued) **1026495939**

Contact Name:	BARBARA LAWNICKI
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	781-646-6788
Contact Fax:	Not reported
Contact Email:	BARBARA@LAWNICKI.COM
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, State-specific Activities
State District Owner:	MA
State District:	NE
Mailing Address:	MASSACHUSETTS AVE
Mailing City,State,Zip:	ARLINGTON, MA 02476
Owner Name:	L AND Z REALTY TRUST
Owner Type:	Private
Operator Name:	BARBARA LAWNICKI
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

BARBARA A LAWNICKI DMD PC (Continued) **1026495939**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-07-07 12:44:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U359
Waste Description:	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	L AND Z REALTY TRUST
Legal Status:	Private
Date Became Current:	2020-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4 MANNING ST
Owner/Operator City,State,Zip:	WOBURN, MA 01801
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BARBARA LAWNICKI
Legal Status:	Private
Date Became Current:	2020-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1068 MASSACHUSETTS AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-07-02 00:00:00.0

BARBARA A LAWNICKI DMD PC (Continued) **1026495939**

Handler Name: BARBARA A LAWNICKI DMD PC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: MA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 621210
NAICS Description: OFFICES OF DENTISTS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L60 **PARECK AUTOMOTIVE SERVICE INC** **RCRA-VSQG** **1004716062**
West **1071 MASSACHUSETTS AVE** **MAD079530929**
1/8-1/4 **ARLINGTON, MA 02174**
0.233 mi.
1231 ft. **Site 4 of 5 in cluster L**

Relative: RCRA-VSQG:
Higher
Date Form Received by Agency: 1986-10-20 00:00:00.0
Actual: Handler Name: PARECK AUTOMOTIVE SERVICE INC
95 ft. Handler Address: 1071 MASSACHUSETTS AVE
Handler City,State,Zip: ARLINGTON, MA 02174
EPA ID: MAD079530929
Contact Name: FRED PARECE
Contact Address: 1071 MASSACHUSETTS AVE
Contact City,State,Zip: ARLINGTON, MA 02174
Contact Telephone: 617-648-3810
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 01
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities, State-specific Activities
State District Owner: MA
State District: N
Mailing Address: 1071 MASSACHUSETTS AVE
Mailing City,State,Zip: ARLINGTON, MA 02174
Owner Name: FRED & DAVE PARECE
Owner Type: Private
Operator Name: PARECE AUTOMOTIVE SERVICE INC

PARECK AUTOMOTIVE SERVICE INC (Continued) **1004716062**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:12:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

PARECK AUTOMOTIVE SERVICE INC (Continued) **1004716062**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PARECE AUTOMOTIVE SERVICE INC
Legal Status: Private
Date Became Current: 1991-12-08 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1071 MASSACHUSETTS AVE
Owner/Operator City,State,Zip: ARLINGTON, MA 02174
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FRED & DAVE PARECE
Legal Status: Private
Date Became Current: 2004-10-16 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1071 MASSACHUSETTS AVE
Owner/Operator City,State,Zip: ARLINGTON, MA 02174
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1986-10-20 00:00:00.0
Handler Name: PARECK AUTOMOTIVE SERVICE INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: MA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

PARECK AUTOMOTIVE SERVICE INC (Continued) **1004716062**

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L61
West
1/8-1/4
0.233 mi.
1231 ft.

PARECK AUTOMOTIVE SERVICE INC **MA HW GEN** **S112551677**
1071 MASSACHUSETTS AVE **N/A**
ARLINGTON, MA 02174

Site 5 of 5 in cluster L

Relative:
Higher

Actual:
95 ft.

HW GEN:
Name: PARECK AUTOMOTIVE SERVICE INC
Address: 1071 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174
EPA Id: MAD079530929
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

62
SE
1/8-1/4
0.240 mi.
1269 ft.

ARLINGTON HIGH SCHOOL **MA SHWS** **S103812250**
855-865 MASSACHUSETTS AVE **MA RELEASE** **N/A**
ARLINGTON, MA 02476

Relative:
Lower

Actual:
66 ft.

SHWS:
Name: ARLINGTON HIGH SCHOOL
Address: 855-865 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0018203
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 04/16/1999
Category: 120 DY
Associated ID: Not reported
Current Status: RAONR
Status Date: 04/12/2001
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Oil

Release:
Name: ARLINGTON HIGH SCHOOL
Address: 855-865 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0018203 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 04/16/1999
Category: 120 DY
Status Date: 04/12/2001

ARLINGTON HIGH SCHOOL (Continued) **S103812250**

Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 1/25/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 10/17/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 1B Classification
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 12/10/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 12/21/2020
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Extension Received
Action Date: 3/19/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/12/2001
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 4/12/2001
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/16/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 4/16/1999
Response Action Outcome: Not reported

ARLINGTON HIGH SCHOOL (Continued) **S103812250**

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 4/26/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 5/25/2000
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/25/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 6/27/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 7/24/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/9/2002
Response Action Outcome: Not reported

Chemicals:
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 5000 milligrams per kilogram
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 1700 milligrams per kilogram

63
NNW
1/8-1/4
0.248 mi.
1310 ft.

POLE 83/1
WASHINGTON ST ARLINGTON ST
ARLINGTON, MA 02474

MA SHWS **S103811544**
MA RELEASE **N/A**

Relative:
Higher

Actual:
128 ft.

SHWS:

Name:	POLE 83/1
Address:	WASHINGTON ST ARLINGTON ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0011921
Source Type:	TRANSFORM
Release Town:	ARLINGTON
Notification Date:	12/02/1994
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	01/27/1995
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Oil

Release:

Name:	POLE 83/1
Address:	WASHINGTON ST ARLINGTON ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0011921 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	12/02/1994
Category:	TWO HR
Status Date:	01/27/1995
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	1/27/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/27/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/16/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

POLE 83/1 (Continued) **S103811544**

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/2/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/2/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: TRANSFORMER OIL
Quantity: 12 gallons
Chemical: MINERAL OIL
Quantity: 12 gallons
Location Type: RESIDNTIAL
Source: TRANSFORM

M64 **SUNOCO #0005-1805** **MA SHWS U003530806**
SSE **880 MASSACHUSETTS AVE** **MA LUST N/A**
1/4-1/2 **ARLINGTON, MA 02476** **MA UST**
0.251 mi. **MA RELEASE**
1324 ft. **Site 9 of 10 in cluster M** **MA Financial Assurance**

Relative: Lower
Actual: 78 ft.

SHWS:
Name: TD BANK
Address: 880 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0030665
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 02/17/2012
Category: 120 DY
Associated ID: Not reported
Current Status: DPS
Status Date: 03/30/2016
Phase: PHASE III
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: LOCKELAND AVENUE
Address: 880 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0022012
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 08/08/2002
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 05/09/2003
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Not reported

SUNOCO #0005-1805 (Continued) **U003530806**

LUST:

Facility:

Name:	LOCKELAND AVE
Address:	880 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0021658 / RAO
Status Date:	03/11/2003
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	04/09/2002
Category:	72 HR
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	GASOLINE
Quantity:	180 parts per million

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	3/11/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	3/12/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/25/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	4/9/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E

SUNOCO #0005-1805 (Continued) **U003530806**

Action Date:	4/9/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/3/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	7/11/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	8/28/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

UST:

Facility:

Name:	SUNOCO #0005-1805
Address:	880 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02476
Facility ID:	254
Owner Id:	6491
Owner:	SUNOCO INC (R&M)
Owner Address:	3801 West Chester Pike
Owner City,St,Zip:	Newtown Square, PA 19073
Telephone:	Not reported
Description:	Retail Motor Vehicle Fuel
Facility address 2:	Not reported
Owner address 2:	Environmental Compliance
Latitude:	42.41723
Longitude:	-71.16337
Contact name:	Kathleen McCaney
Contact address1:	3801 West Chester Pike
Contact address2:	SW-111-05
Contact city:	Newtown Square
Contact state:	PA
Contact zip:	19073
Contact email:	Not reported
Update:	2002-04-17 00:00:00
Update by:	Not reported
Fac status:	CLOSED

Tank ID:	1
Tank Status:	**Tank Removed**
Status Date:	04/09/2002
Date Installed:	12/28/1982
Capacity:	10000.00000

SUNOCO #0005-1805 (Continued) **U003530806**

Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: In-Tank Monitoring System
Pipe Leak Detection: Annual Automatic Line Leak Detection Test
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: Tank Removed
Status Date: 04/09/2002
Date Installed: 12/01/1982
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: In-Tank Monitoring System
Pipe Leak Detection: Annual Automatic Line Leak Detection Test
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

SUNOCO #0005-1805 (Continued) **U003530806**

Tank ID: 3
Tank Status: Tank Removed
Status Date: 04/09/2002
Date Installed: 12/28/1982
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: In-Tank Monitoring System
Pipe Leak Detection: Annual Automatic Line Leak Detection Test
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: Tank Removed
Status Date: 04/09/2002
Date Installed: 12/28/1982
Capacity: 1000.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: In-Tank Monitoring System
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N

SUNOCO #0005-1805 (Continued) **U003530806**

Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 5
Tank Status: Tank Removed
Status Date: 04/09/2002
Date Installed: 12/01/1982
Capacity: 1000.00000
Contents: Bulk Heati
Tank Usage: Not reported
Tank Leak Detection: Manual Tank Gauging (1,000G or less capacity tank)
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Single-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Release:
Name: LOCKELAND AVE
Address: 880 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0021658 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 04/09/2002
Category: 72 HR
Status Date: 03/11/2003
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

SUNOCO #0005-1805 (Continued) **U003530806**

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/11/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 3/12/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/25/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 4/9/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 4/9/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/3/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 7/11/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/28/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: GASOLINE
Quantity: 180 parts per million
Location Type: COMMERCIAL
Source: UST

Name: LOCKELAND AVENUE
Address: 880 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000

SUNOCO #0005-1805 (Continued) **U003530806**

Release Tracking Number/Current Status: 3-0022012 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 08/08/2002
Category: 120 DY
Status Date: 05/09/2003
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 5/13/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/9/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/24/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/8/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/8/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 9/16/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: HYDRAULIC OIL
Quantity: 13000 parts per million

Name: TD BANK
Address: 880 MASSACHUSETTS AVE

SUNOCO #0005-1805 (Continued) **U003530806**

City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0030665 / DPS
Primary ID: Not reported
Official City: ARLINGTON
Notification: 02/17/2012
Category: 120 DY
Status Date: 03/30/2016
Phase: PHASE III
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RLFA
Action Status: FLDDO
Action Date: 12/13/2020
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 12/6/2012
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 2/10/2016
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/17/2012
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 2/17/2012
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/17/2012
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 2/17/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 2/17/2013
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 2/17/2013

SUNOCO #0005-1805 (Continued) **U003530806**

Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDDO
Action Date: 2/28/2021
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 3/15/2013
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/2/2012
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 3/30/2016
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCTRAN
Action Date: 6/25/2014
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/8/2014
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 340 micrograms per liter

MA Financial Assurance 2:
Name: SUNOCO #0005-1805
Address: 880 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476
Facility Id: 254
Description: Private

N65 **OLD COLONY LANE CONDOMINIUMS** **MA SHWS** **S111412273**
WNW **2 OLD COLONY LN** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON, MA 02476** **MA HW GEN**
0.253 mi.
1336 ft. **Site 1 of 3 in cluster N**

Relative:
Higher

Actual:
89 ft.

SHWS:
Name: 2 OLD COLONY LANE
Address: 2 OLD COLONY LANE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0033282
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 11/24/2015

OLD COLONY LANE CONDOMINIUMS (Continued) **S111412273**

Category: 120 DY
Associated ID: 3-0033282
Current Status: TIERI
Status Date: 08/23/2019
Phase: PHASE IV
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Release:
Name: 2 OLD COLONY LANE
Address: 2 OLD COLONY LANE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0033282 / TIERI
Primary ID: 3-0033282
Official City: ARLINGTON
Notification: 11/24/2015
Category: 120 DY
Status Date: 08/23/2019
Phase: PHASE IV
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/23/2016
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 11/23/2016
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/23/2016
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/24/2015
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/24/2015
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/24/2015
Response Action Outcome: Not reported

Action Type: Phase 4

OLD COLONY LANE CONDOMINIUMS (Continued) **S111412273**

Action Status: Written Plan Received
Action Date: 11/30/2020
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 11/30/2020
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 12/2/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 12/22/2016
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/4/2015
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/23/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 8/23/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 8/23/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 9/30/2019
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 9/7/2016
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 8.6 milligrams per kilogram
Source: UNKNOWN

HW GEN:
Name: OLD COLONY LANE CONDOMINIUMS

OLD COLONY LANE CONDOMINIUMS (Continued) **S111412273**

Address: 2 OLD COLONY LN
City,State,Zip: ARLINGTON, MA 02476
EPA Id: MAR000576595
RCRA Generator Status: VSQG
State Generator Status: Not reported

M66 **ARLINGTON HIGH SCHOOL** **MA SHWS** **S111275655**
SE **869 MASSACHUSETTS AVE** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON, MA 02476** **MA HW GEN**
0.261 mi.
1379 ft. **Site 10 of 10 in cluster M**

Relative: **Lower**

Actual: **74 ft.**

SHWS:
Name: NO LOCATION AID
Address: 869 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0022352
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 11/27/2002
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 02/19/2003
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Name: ARLINGTON HIGH SCHOOL
Address: 869 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024764701
Facility ID: 3-0030236
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 08/22/2011
Category: 72 HR
Associated ID: Not reported
Current Status: TIER1D
Status Date: 08/29/2012
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: ARLINGTON HIGH SCHOOL
Address: 869 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0022371
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 12/09/2002
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 01/29/2003
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

ARLINGTON HIGH SCHOOL (Continued) **S111275655**

Name:	ARLINGTON HIGH SCHOOL AUTO SHOP
Address:	869 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0024460
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	12/01/2004
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAO
Status Date:	12/09/2005
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil and Hazardous Material

Release:

Name:	NO LOCATION AID
Address:	869 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0022352 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	11/27/2002
Category:	TWO HR
Status Date:	02/19/2003
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/27/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	11/27/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	12/4/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/4/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

ARLINGTON HIGH SCHOOL (Continued) **S111275655**

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 2/19/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/19/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: FUEL OIL #4
Quantity: 25 gallons
Chemical: FUEL OIL #2
Quantity: 25 gallons
Location Type: SCHOOL
Source: PIPE

Name: ARLINGTON HIGH SCHOOL
Address: 869 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0022371 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 12/09/2002
Category: TWO HR
Status Date: 01/29/2003
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/29/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/29/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: FLDISS
Action Date: 12/12/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA

ARLINGTON HIGH SCHOOL (Continued) **S111275655**

Action Status: FOLFLD
Action Date: 12/12/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/12/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FLDDO
Action Date: 12/12/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action
Action Status: RFI
Action Date: 12/27/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/27/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/9/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 12/9/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/19/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/19/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: FUEL OIL #4
Quantity: 6000 gallons
Chemical: FUEL OIL #4

ARLINGTON HIGH SCHOOL (Continued) **S111275655**

Quantity:	3000 gallons
Location Type:	MUNICIPAL
Location Type:	SCHOOL
Source:	PIPE
Name:	ARLINGTON HIGH SCHOOL AUTO SHOP
Address:	869 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0024460 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	12/01/2004
Category:	120 DY
Status Date:	12/09/2005
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/1/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/1/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/14/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	12/6/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	12/9/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	12/9/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

ARLINGTON HIGH SCHOOL (Continued) **S111275655**

Chemicals:

Chemical:	BENZO[A]PYRENE
Quantity:	4.98 milligrams per kilogram
Chemical:	BENZO[A]ANTHRACENE
Quantity:	4.91 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	312 milligrams per kilogram

Name:	ARLINGTON HIGH SCHOOL
Address:	869 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024764701
Release Tracking Number/Current Status:	3-0030236 / TIER1D
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	08/22/2011
Category:	72 HR
Status Date:	08/29/2012
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/7/2020
Response Action Outcome:	Not reported

Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	12/6/2002
Response Action Outcome:	Not reported

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	2/20/2020
Response Action Outcome:	Not reported

Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/14/2021
Response Action Outcome:	Not reported

Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	6/13/2003
Response Action Outcome:	Not reported

Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	6/14/2021
Response Action Outcome:	Not reported

Action Type:	Release Abatement Measure
Action Status:	Written Plan Received

ARLINGTON HIGH SCHOOL (Continued) **S111275655**

Action Date: 6/2/2020
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 8/22/2011
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/22/2011
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/9/2002
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/12/2011
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 29 UG/M3
Chemical: TETRACHLOROETHYLENE
Quantity: 200 micrograms per liter
Location Type: MUNICIPAL
Location Type: SCHOOL

HW GEN:
Name: ARLINGTON HIGH SCHOOL - TEMPORARY ID
Address: 869 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476
EPA Id: MAR000537811
RCRA Generator Status: Not reported
State Generator Status: VQG-MA

67
NE
1/4-1/2
0.275 mi.
1452 ft.

SYMMES HOSPITAL
HOSPITAL RD
ARLINGTON, MA 02174

MA LUST **S102082867**
MA RELEASE **N/A**

Relative: Higher

Actual: 223 ft.

LUST:

Facility:
Name: SYMMES HOSPITAL
Address: HOSPITAL RD
City,State,Zip: ARLINGTON, MA 02174
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0010969 / RAO
Status Date: 06/29/2011
Source Type: UST
Release Town: ARLINGTON
Notification Date: 05/08/1994

SYMMES HOSPITAL (Continued) **S102082867**

Category: TWO HR
Associated ID: 3-0010969
Phase: PHASE IV
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: OIL
Quantity: Not reported
Chemical: HYDRAULIC FLUID
Quantity: Not reported

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 1/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/31/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 11/21/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 11/21/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/12/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/22/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

SYMMES HOSPITAL (Continued) **S102082867**

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 12/22/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/29/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 12/29/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/6/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/10/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 5/10/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 5/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/18/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 5/18/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 5/18/2006

SYMMES HOSPITAL (Continued) **S102082867**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/19/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/23/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 5/28/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 5/28/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 5/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 5/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/8/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/8/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 5/8/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

SYMMES HOSPITAL (Continued) **S102082867**

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 6/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 6/29/2007

SYMMES HOSPITAL (Continued) **S102082867**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/29/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 6/29/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 6/7/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 6/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 7/21/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

SYMMES HOSPITAL (Continued) **S102082867**

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/23/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/23/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 8/31/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: SYMMES HOSPITAL
Address: HOSPITAL RD
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0010969 / RAO
Primary ID: 3-0010969
Official City: ARLINGTON
Notification: 05/08/1994
Category: TWO HR
Status Date: 06/29/2011
Phase: PHASE IV
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 1/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

SYMMES HOSPITAL (Continued) **S102082867**

Action Status: Status or Interim Report Received
Action Date: 1/31/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 11/21/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 11/21/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/12/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/22/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 12/22/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 12/29/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 12/29/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/6/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/10/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

SYMMES HOSPITAL (Continued) **S102082867**

reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 5/10/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 5/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/18/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 5/18/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 5/18/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/19/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/23/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 5/28/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 5/28/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

SYMMES HOSPITAL (Continued) **S102082867**

Action Status: Inspection and Monitoring Report Received
Action Date: 5/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 5/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/8/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/8/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 5/8/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

SYMMES HOSPITAL (Continued) **S102082867**

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 5/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 6/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 6/29/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 6/29/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 6/29/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 6/7/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RMRINT
Action Date: 6/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

SYMMES HOSPITAL (Continued) **S102082867**

Action Status: Inspection and Monitoring Report Received
Action Date: 6/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 7/21/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/14/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/23/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/23/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 8/31/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

SYMMES HOSPITAL (Continued) **S102082867**

reduced to background.

Chemicals:
Chemical: OIL
Quantity: Not reported
Chemical: HYDRAULIC FLUID
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

N68 **RESIDENCE** **MA SHWS** **S110526295**
WNW **1 OLD COLONY LANE** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON, MA 02476** **MA ENF**
0.276 mi.
1457 ft. **Site 2 of 3 in cluster N**

Relative: Higher
Actual: 91 ft.

SHWS:
Name: RESIDENCE
Address: 1 OLD COLONY LANE
City,State,Zip: ARLINGTON, MA 024764460
Facility ID: 3-0029562
Source Type: DRY
Release Town: ARLINGTON
Notification Date: 10/07/2010
Category: 72 HR
Associated ID: Not reported
Current Status: TIERI
Status Date: 10/26/2018
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: RESIDENCE
Address: 1 OLD COLONY LANE
City,State,Zip: ARLINGTON, MA 024764460
Facility ID: 3-0029562
Source Type: CLEANERS
Release Town: ARLINGTON
Notification Date: 10/07/2010
Category: 72 HR
Associated ID: Not reported
Current Status: TIERI
Status Date: 10/26/2018
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Release:
Name: RESIDENCE
Address: 1 OLD COLONY LANE
City,State,Zip: ARLINGTON, MA 024764460
Release Tracking Number/Current Status: 3-0029562 / TIERI
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/07/2010
Category: 72 HR
Status Date: 10/26/2018

RESIDENCE (Continued) **S110526295**

Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 1/4/2011
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 1/4/2011
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/12/2010
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/12/2010
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/20/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/7/2010
Response Action Outcome: Not reported

RESIDENCE (Continued) **S110526295**

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/7/2010
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/17/2010
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 11/17/2010
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 12/15/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/6/2010
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/9/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/11/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 2/13/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/13/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINI

RESIDENCE (Continued) **S110526295**

Action Date: 2/17/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/17/2012
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/9/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

RESIDENCE (Continued) **S110526295**

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/10/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 8/10/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/11/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 8/16/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/16/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 8/8/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT

RESIDENCE (Continued) **S110526295**

Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 4.88 UG/M3
Chemical: TRICHLOROETHYLENE
Quantity: 4.8 UG/M3
Location Type: RESIDNTIAL
Source: DRY
Source: CLEANERS

ENFORCEMENT:
Name: RC REALTY TRUST
Address: 1 OLD COLONY LANE
City,State,Zip: ARLINGTON, MA 024764460
Region: NERO
DEP Region: NERO
DEP Program: 3r
DEP Bureau: BWSC
Program: BWSC
Program Id: 3-0029562
High Or Low Level Enforcement: LLE
FMF #: 0
Comptroller Billing Name: Not reported
Town Where Violation Occurred: Not reported
Date Executed: 11/17/2010
ENF #: Faux Enf- 1711
Document Type: IDL
AG Ref (Y/N): Not reported
Doc Archived (Y/N): Not reported
EJ Community (Y/N): NO
Regional Comment: Not reported
Final Payment Due Date: Not reported
ACOP $: Not reported
PAN $: Not reported
EMS (Y/N): Not reported
EMS$: Not reported
SEP (Y/N): Not reported
SEP $: Not reported
Demand $: Not reported
Suspended $: Not reported
Ownership: Commercially Owned

Name: RC REALTY TRUST
Address: 1 OLD COLONY LANE
City,State,Zip: ARLINGTON, MA 024764460
Region: NERO
DEP Region: NERO
DEP Program: 3r
DEP Bureau: BWSC

RESIDENCE (Continued) **S110526295**

Program:	BWSC
Program Id:	3-0029562
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	01/04/2011
ENF #:	Faux Enf- 1712
Document Type:	IDL
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

N69 **RC REALTY TRUST** **MA SHWS** **S100362672**
WNW **1087-1089 MASSACHUSETTS AVE** **MA LUST** **N/A**
1/4-1/2 **ARLINGTON, MA 02476** **MA RELEASE**
0.277 mi. **MA ENF**
1464 ft. **Site 3 of 3 in cluster N**

Relative: **Higher**

Actual: **96 ft.**

SHWS:

Name:	NO LOCATION AID
Address:	1087-1089 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0029175
Source Type:	FORMER
Release Town:	ARLINGTON
Notification Date:	04/01/2010
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Name:	NO LOCATION AID
Address:	1087-1089 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0029175
Source Type:	DRY
Release Town:	ARLINGTON
Notification Date:	04/01/2010
Category:	TWO HR
Associated ID:	Not reported
Current Status:	TIERI
Status Date:	10/26/2018
Phase:	Not reported

RC REALTY TRUST (Continued) **S100362672**

Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: NO LOCATION AID
Address: 1087-1089 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0029175
Source Type: CLEANERS
Release Town: ARLINGTON
Notification Date: 04/01/2010
Category: TWO HR
Associated ID: Not reported
Current Status: TIERI
Status Date: 10/26/2018
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

LUST:

Facility:
Name: NO LOCATION AID
Address: 1087-1089 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Current Status: **Site has been classified as Tier 1. Note that subcategories 1A, 1B and 1C have been discontinued as of 2014 and such sites would now be considered simply ?Tier 1?.**
Release Tracking Number/Current Status: 3-0029175 / TIERI
Status Date: 10/26/2018
Source Type: UST
Release Town: ARLINGTON
Notification Date: 04/01/2010
Category: TWO HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Hazardous Material

Location Type: RESIDNTIAL
Location Type: COMMERCIAL
Source: UST
Source: DRY
Source: CLEANERS
Source: FORMER

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: PCE
Quantity: 36.75 UG/M3
Chemical: TETRACHLOROETHYLENE
Quantity: 36.75 UG/M3

Actions:
Action Type: Tier Classification

RC REALTY TRUST (Continued) **S100362672**

Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 4/1/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 4/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/16/2010
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014

RC REALTY TRUST (Continued) **S100362672**

Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 4/26/2010
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/26/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

RC REALTY TRUST (Continued) **S100362672**

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Release:
Name: NO LOCATION AID
Address: 1087-1089 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0029175 / TIERI
Primary ID: Not reported
Official City: ARLINGTON
Notification: 04/01/2010
Category: TWO HR
Status Date: 10/26/2018
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

RC REALTY TRUST (Continued) **S100362672**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	10/26/2013
Response Action Outcome:	Not reported

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	10/26/2018
Response Action Outcome:	Not reported

Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	10/26/2018
Response Action Outcome:	Not reported

Action Type:	Tier Classification
Action Status:	TIERI
Action Date:	10/26/2018
Response Action Outcome:	Not reported

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	11/4/2011
Response Action Outcome:	Not reported

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	2/6/2019
Response Action Outcome:	Not reported

Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	3/26/2013
Response Action Outcome:	Not reported

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/1/2010
Response Action Outcome:	Not reported

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	4/1/2010
Response Action Outcome:	Not reported

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/1/2014
Response Action Outcome:	Not reported

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/16/2010
Response Action Outcome:	Not reported

RC REALTY TRUST (Continued) **S100362672**

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 4/26/2010
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/26/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification

RC REALTY TRUST (Continued) **S100362672**

Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Chemicals:
Chemical: PCE
Quantity: 36.75 UG/M3
Chemical: TETRACHLOROETHYLENE
Quantity: 36.75 UG/M3
Location Type: RESIDNTIAL
Location Type: COMMERCIAL
Source: UST
Source: DRY
Source: CLEANERS
Source: FORMER

ENFORCEMENT:

RC REALTY TRUST (Continued) **S100362672**

Name:	RC REALTY TRUST
Address:	1087-1089 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024760000
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0029175
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	04/26/2010
ENF #:	Faux Enf- 1710
Document Type:	IDL
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T

70
WSW
1/4-1/2
0.280 mi.
1480 ft.

RESIDENTIAL GROUP HOME **MA LAST** **S109146580**
44 SCHOOL ST **MA RELEASE** **N/A**
ARLINGTON, MA 02476 **MA ASBESTOS**

Relative:
Higher

Actual:
120 ft.

LAST:

Name:	RESIDENTIAL GROUP HOME
Address:	44 SCHOOL ST
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0027857 / PSNC
Source Type:	AST
Release Town:	ARLINGTON
Notification Date:	07/24/2008
Category:	TWO HR
Associated ID:	Not reported
Status Date:	06/06/2014
Phase:	Not reported
Response Action Outcome:	PN - PN
Oil Or Haz Material:	Oil

Chemicals:

Chemical:	#2 FUEL OIL
Quantity:	200 gallons
Chemical:	#2 FUEL OIL
Quantity:	250 gallons
Location Type:	RESIDNTIAL

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Location Type: PRIVPROP
Source: AST

Actions:

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 1/4/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 10/20/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 10/23/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/23/2008
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 10/23/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/6/2008
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 11/13/2012
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 11/18/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 11/18/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 11/18/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level II - Audit Inspection
Action Date: 11/2/2012
Response Action Outcome: PN

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	11/2/2012
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/28/2008
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/30/2009
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	RMRINT
Action Date:	11/30/2009
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	12/1/2014
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/10/2012
Response Action Outcome:	PN
Action Type:	Phase 4
Action Status:	Status or Interim Report Received
Action Date:	12/10/2012
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	RMRINT
Action Date:	12/10/2012
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/2/2008
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/2/2009
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	RMRINT
Action Date:	12/20/2010
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Date: 12/20/2010
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/22/2011
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 12/22/2011
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 12/22/2011
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 12/6/2012
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 3/20/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 3/20/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 3/26/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/28/2010
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/28/2010
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/28/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/28/2013
Response Action Outcome: PN

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 5/28/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/31/2011
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/31/2011
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 5/8/2009
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 6/12/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/3/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 6/3/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINI
Action Date: 6/3/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 6/4/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level II - Audit Inspection
Action Date: 6/4/2009
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 6/4/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRFIN

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Phase 4
Action Status: RMRFIN
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1A
Action Date: 7/24/2008
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 7/24/2008
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: FLDISS
Action Date: 7/24/2008
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/24/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 7/29/2008
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/31/2008
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/31/2009
Response Action Outcome: PN

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/31/2009
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/31/2009
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/5/2012
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	RMRINT
Action Date:	7/5/2012
Response Action Outcome:	PN
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	8/1/2011
Response Action Outcome:	PN
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	8/1/2011
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	8/11/2008
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	8/11/2008
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	8/6/2009
Response Action Outcome:	PN
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/22/2008
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	9/22/2008
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FOLOFF

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Date: 9/8/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 9/9/2008
Response Action Outcome: PN

Release:
Name: RESIDENTIAL GROUP HOME
Address: 44 SCHOOL ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0027857 / PSNC
Primary ID: Not reported
Official City: ARLINGTON
Notification: 07/24/2008
Category: TWO HR
Status Date: 06/06/2014
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 1/4/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 10/20/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 10/23/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/23/2008
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 10/23/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/6/2008
Response Action Outcome: PN

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 11/13/2012
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 11/18/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 11/18/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 11/18/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level II - Audit Inspection
Action Date: 11/2/2012
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 11/2/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 11/28/2008
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 11/30/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 11/30/2009
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/1/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/10/2012
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Status or Interim Report Received

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Date: 12/10/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 12/10/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 12/2/2008
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 12/2/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 12/20/2010
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/20/2010
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/22/2011
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 12/22/2011
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 12/22/2011
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 12/6/2012
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 3/20/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 3/20/2012
Response Action Outcome: PN

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 3/26/2012
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/28/2010
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/28/2010
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/28/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/28/2013
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 5/28/2013
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/31/2011
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 5/31/2011
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 5/8/2009
Response Action Outcome: PN

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 6/12/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/3/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Date: 6/3/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRINI
Action Date: 6/3/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 6/4/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level II - Audit Inspection
Action Date: 6/4/2009
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 6/4/2009
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: RMRFIN
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: Phase 4
Action Status: RMRFIN
Action Date: 6/6/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1A
Action Date: 7/24/2008
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 7/24/2008
Response Action Outcome: PN

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	7/24/2008
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/24/2008
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	7/29/2008
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/31/2008
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/31/2009
Response Action Outcome:	PN
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/31/2009
Response Action Outcome:	PN
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/31/2009
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/5/2012
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	RMRINT
Action Date:	7/5/2012
Response Action Outcome:	PN
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	8/1/2011
Response Action Outcome:	PN
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	8/1/2011
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan

RESIDENTIAL GROUP HOME (Continued) **S109146580**

Action Date: 8/11/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/11/2008
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 8/6/2009
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/22/2008
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 9/22/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/8/2008
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 9/9/2008
Response Action Outcome: PN

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 200 gallons
Chemical: #2 FUEL OIL
Quantity: 250 gallons
Location Type: RESIDNTIAL
Location Type: PRIVPROP
Source: AST

ASBESTOS:
Name: GREG MCGOWAN
Address: 44 SCHOOL ST
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 11/05/2007
End Date: 11/05/2007
Date Entered: Not reported
Entry Date: 10/22/2007
Quantity Materical Removed SF: .00
Quantity Material Removed LF: 65.00
Project Description: Spr

RESIDENTIAL GROUP HOME (Continued) **S109146580**

AR Tracking ID:	90283
Super Lic Number:	AS061570
Monitor Lic Number:	AM031931
Lab Lic Number:	AA000128
Year:	2007
Sticker Number:	100063374
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	9788539613
Sub Town:	Not reported
Worksite:	BASEMENT
Occupied:	-1
Contractor:	AC000309
Contract Type:	WRITTEN
Hours:	Week days: 8AM-4PM Week end:
Project Type:	Renv
Abatement Process:	Glv
Location:	Indoors
Decon Process:	GLOVE BAG ONLY
Disposal Methods:	ADEQUATELY WET ACM, DOUBLE BAG IN MARKED ASBESTOS BAGS
Facility Usage:	RESIDENTIAL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	GREG MCGOWAN
Owner Address:	44 SCHOOL ST
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	39
Certified Name:	ALLEN YOUNG
Cert Sign Date:	10/22/2007
Certified Company:	ATLANTIC BAY CONTR
Certified Phone:	6177824986
Entered_by:	Not reported

---

71 West 1/4-1/2 0.289 mi. 1527 ft.

R.C. REALTY TRUST
1092 MASSACHUSETTS AVE
ARLINGTON, MA

MA SHWS **S110479527**
MA LAST **N/A**
MA RELEASE
MA ENF

Relative: Higher

Actual: 100 ft.

SHWS:

Name:	COMMERCIAL PROPERTY
Address:	1092 MASSACHUSETTS AVENUE
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0035141
Source Type:	UNKNOWN

R.C. REALTY TRUST (Continued) **S110479527**

Release Town: ARLINGTON
Notification Date: 08/27/2018
Category: 72 HR
Associated ID: Not reported
Current Status: RAONR
Status Date: 02/06/2019
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Hazardous Material

Name: DRY CLEANERS
Address: 1092 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0003999
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 07/15/1992
Category: NONE
Associated ID: 3-0003999
Current Status: TIERI
Status Date: 10/26/2018
Phase: PHASE IV
Response Action Outcome: Not reported
Oil Or Haz Material: Not reported

LAST:
Name: DRY CLEANERS
Address: 1092 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0003999 / TIERI
Source Type: AST
Release Town: ARLINGTON
Notification Date: 07/15/1992
Category: NONE
Associated ID: 3-0003999
Status Date: 10/26/2018
Phase: PHASE IV
Response Action Outcome: -
Oil Or Haz Material: Not reported

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported
Location Type: DRYCLEANER
Location Type: COMMERCIAL
Location Type: FORMER
Source: AST
Source: UNKNOWN

Actions:
Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 1/10/2014
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 1/14/2013

R.C. REALTY TRUST (Continued) **S110479527**

Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 1/29/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 1/8/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/20/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 10/20/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 10/8/2008
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACO
Action Date: 11/29/2007
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Revised Statement or Transmittal Received
Action Date: 11/30/2015
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 11/30/2015
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/31/2007
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/16/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 2/16/2010
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: NOA
Action Date: 2/16/2016
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 2/16/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/28/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 3/18/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINI
Action Date: 3/19/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received

R.C. REALTY TRUST (Continued) **S110479527**

Action Date: 3/19/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/19/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/2/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 3/6/2012
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/15/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 4/15/2014
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/21/2009
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 4/24/2015
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVREC
Action Date: 4/3/1992
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 4/3/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 5/10/2011
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 5/13/2015
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 5/15/2015
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: RMRWPR
Action Date: 5/15/2015
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Denial of Plan
Action Date: 5/26/2015
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVSIG

R.C. REALTY TRUST (Continued) **S110479527**

Action Date: 5/28/1992
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 5/30/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVACC
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/25/2019
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 6/7/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/7/2011
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 7/1/2010
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: RLFA
Action Status: FOLOFF
Action Date: 7/15/2009
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 7/20/2009
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 7/22/2009
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: AFUPLN
Action Date: 7/29/2016
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 7/3/2009
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/3/2009
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: NAFVIO
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Submittal Determined to be Invalid by DEP
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: Interim Deadline Letter Issued
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Level III - Comprehensive Audit
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 8/14/2009
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT

R.C. REALTY TRUST (Continued) **S110479527**

Action Date: 8/14/2009
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/14/2009
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 8/28/2007
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 9/19/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 9/19/2011
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/20/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 9/20/2012
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/26/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 9/26/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/26/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 9/26/2013
Response Action Outcome: Not reported

Release:
Name: DRY CLEANERS
Address: 1092 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0003999 / TIERI
Primary ID: 3-0003999
Official City: ARLINGTON
Notification: 07/15/1992
Category: NONE
Status Date: 10/26/2018
Phase: PHASE IV
Response Action Outcome: -
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 1/10/2014

R.C. REALTY TRUST (Continued) **S110479527**

Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 1/14/2013
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 1/29/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 1/8/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/20/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 10/20/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 10/8/2008
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACO
Action Date: 11/29/2007
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: Phase 2
Action Status: Revised Statement or Transmittal Received
Action Date: 11/30/2015
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 11/30/2015
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/31/2007
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/16/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 2/16/2010
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: NOA
Action Date: 2/16/2016
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 2/16/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/28/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 3/18/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINI

R.C. REALTY TRUST (Continued) **S110479527**

Action Date: 3/19/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/19/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/19/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/2/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 3/6/2012
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/15/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 4/15/2014
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/17/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/21/2009
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 4/24/2015
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVREC
Action Date: 4/3/1992
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 4/3/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 5/10/2011
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 5/13/2015
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 5/15/2015
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: RMRWPR
Action Date: 5/15/2015
Response Action Outcome: Not reported

Action Type: Phase 4
Action Status: Written Denial of Plan

R.C. REALTY TRUST (Continued) **S110479527**

Action Date: 5/26/2015
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVSIG
Action Date: 5/28/1992
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 5/30/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVACC
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/25/2019
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 6/7/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/7/2011
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 7/1/2010
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 7/15/2009
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 7/20/2009
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 7/22/2009
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: AFUPLN
Action Date: 7/29/2016
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 7/3/2009
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/3/2009
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: NAFVIO
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Submittal Determined to be Invalid by DEP
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: Interim Deadline Letter Issued
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Level III - Comprehensive Audit
Action Date: 7/6/2016
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received

R.C. REALTY TRUST (Continued) **S110479527**

Action Date: 8/14/2009
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 8/14/2009
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/14/2009
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 8/28/2007
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 9/19/2011
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 9/19/2011
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/20/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 9/20/2012
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/26/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 9/26/2008
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/26/2013
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: RMRINT
Action Date: 9/26/2013
Response Action Outcome: Not reported

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported
Location Type: DRYCLEANER
Location Type: COMMERCIAL
Location Type: FORMER
Source: AST
Source: UNKNOWN

Name: COMMERCIAL PROPERTY
Address: 1092 MASSACHUSETTS AVENUE
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0035141 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 08/27/2018
Category: 72 HR

R.C. REALTY TRUST (Continued) **S110479527**

Status Date: 02/06/2019
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TIERI
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 10/26/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/4/2011
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/6/2018
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 2/6/2019
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 2/6/2019
Response Action Outcome: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/26/2013
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/1/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 4/4/2014
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 6/1/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/10/1992
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Transfer
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/12/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/17/2010
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E

R.C. REALTY TRUST (Continued) **S110479527**

Action Date: 8/27/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 8/27/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/1/2011
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: TCEXT
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 9/11/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 9/21/2007
Response Action Outcome: Not reported

Chemicals:
Chemical: TETRACHLOROETHYLENE
Quantity: 398 UG/M3
Location Type: COMMERCIAL
Source: UNKNOWN

ENFORCEMENT:
Name: RC REALTY TRUST
Address: 1092 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA
Region: NERO
DEP Region: NERO
DEP Program: 3r
DEP Bureau: BWSC
Program: BWSC
Program Id: 3-0003999
High Or Low Level Enforcement: LLE
FMF #: Not reported
Comptroller Billing Name: Not reported
Town Where Violation Occurred: ARLINGTON
Date Executed: 01/29/2018
ENF #: 00004023
Document Type: IDL
AG Ref (Y/N): NO
Doc Archived (Y/N): Not reported
EJ Community (Y/N): NO
Regional Comment: Not reported
Final Payment Due Date: Not reported

R.C. REALTY TRUST (Continued) **S110479527**

ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T

Name:	RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	07/06/2016
ENF #:	Faux Enf- 2678
Document Type:	IDL
AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T

Name:	RALPH CERUNDOLO AS TRUSTEE OF RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	HLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	01/10/2014
ENF #:	ACOP-NE-13-3R026
Document Type:	ACOP

R.C. REALTY TRUST (Continued) **S110479527**

AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	01/10/2014
ACOP $:	0
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	28000
Ownership:	T
Name:	RALPH CERUNDOLO AS TRUSTEE OF RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	HLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	01/14/2013
ENF #:	ACOP-NE-09-3A022 4TH AMENDED
Document Type:	AMEND
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T
Name:	RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	LLE
FMF #:	0

R.C. REALTY TRUST (Continued) **S110479527**

Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	09/19/2011
ENF #:	Faux Enf- 1713
Document Type:	IDL
AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name:	RALPH CERUNDOLO AS TRUSTEE OF RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	HLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	03/06/2012
ENF #:	ACOP-NE-09-3A022 3RD AMENED
Document Type:	AMEND
AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name:	RALPH CERUNDOLO AS TRUSTEE OF RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a

R.C. REALTY TRUST (Continued) **S110479527**

DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	HLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	05/10/2011
ENF #:	ACOP-NE-09-3A022-2nd AMENDED
Document Type:	AMEND
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name:	RALPH CERUNDOLO AS TRUSTEE OF RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	HLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	07/01/2010
ENF #:	ACOP-NE-09-3A022 AMENDED
Document Type:	AMEND
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name: RALPH CERUNDOLO AS TRUSTEE OF RC REALTY TRUST

R.C. REALTY TRUST (Continued) **S110479527**

Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	HLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	07/22/2009
ENF #:	ACOP-NE-09-3A022
Document Type:	ACOP
AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	YES
Regional Comment:	Not reported
Final Payment Due Date:	08/22/2009
ACOP $:	2000
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T

Name:	RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	07/20/2009
ENF #:	Faux Enf- 1709
Document Type:	IDL
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported

R.C. REALTY TRUST (Continued) **S110479527**

Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T
Name:	CERUNDOLO, RALPH, AS TRUSTEE OF RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	HLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	11/29/2007
ENF #:	ACO-NE-07-3A044
Document Type:	ACO
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned
Name:	RC REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	07/03/2009
ENF #:	Faux Enf- 1708
Document Type:	IDL
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported

R.C. REALTY TRUST (Continued) **S110479527**

PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	T
Name:	R.C. REALTY TRUST
Address:	1092 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003999
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	08/28/2007
ENF #:	NON-NE-07-3A125
Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

O72 **BACK OF GARAGE** **MA LUST** **S102085944**
NW **26 HOBBES CT** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON, MA 02174**
0.309 mi.
1634 ft. **Site 1 of 2 in cluster O**

Relative: Higher

Actual: 96 ft.

LUST:

Facility:

Name:	BACK OF GARAGE
Address:	26 HOBBES CT
City,State,Zip:	ARLINGTON, MA 02174
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0011482 / RAO
Status Date:	08/17/1995
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	08/17/1994

BACK OF GARAGE (Continued) **S102085944**

Category:	72 HR
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	#2 FUEL OIL
Quantity:	53 parts per million
Chemical:	#2 FUEL OIL
Quantity:	50 parts per million

Actions:

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/24/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	10/7/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/14/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/7/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	8/16/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/17/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

BACK OF GARAGE (Continued) **S102085944**

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/17/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	8/17/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	8/17/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	8/17/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/26/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	8/31/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Name:	BACK OF GARAGE
Address:	26 HOBBES CT
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0011482 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	08/17/1994
Category:	72 HR
Status Date:	08/17/1995
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Immediate Response Action

BACK OF GARAGE (Continued) **S102085944**

Action Status: Status or Interim Report Received
Action Date: 1/24/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 10/7/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/14/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/7/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/16/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 8/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/17/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/17/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

BACK OF GARAGE (Continued) **S102085944**

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/26/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/31/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 53 parts per million
Chemical: #2 FUEL OIL
Quantity: 50 parts per million
Location Type: COMMERCIAL
Source: UST

O73 **BELOW GARAGE SLAB** **MA SHWS S104545482**
NW **26 HOBBS CT** **MA LUST N/A**
1/4-1/2 **ARLINGTON, MA 02474** **MA RELEASE**
0.309 mi.
1634 ft. **Site 2 of 2 in cluster O**

Relative: Higher
Actual: 96 ft.

SHWS:
Name: BELOW GARAGE SLAB
Address: 26 HOBBS CT
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0013090
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 10/26/1995
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 03/19/1999
Phase: PHASE II
Response Action Outcome: A2
Oil Or Haz Material: Oil

LUST:

Facility:
Name: MIRAK CHEVROLET
Address: 26 HOBBS CT
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0011481 / RAO
Status Date: 08/15/1995
Source Type: UST
Release Town: ARLINGTON
Notification Date: 08/17/1994
Category: 72 HR

BELOW GARAGE SLAB (Continued) **S104545482**

Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: GASOLINE
Quantity: 50 parts per million
Chemical: GASOLINE
Quantity: 174 parts per million

Actions:
Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/24/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 10/7/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/14/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/16/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

BELOW GARAGE SLAB (Continued) **S104545482**

Action Status: Reportable Release under MGL 21E
Action Date: 8/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 8/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/26/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 8/30/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/31/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: MIRAK CHEVROLET
Address: 26 HOBBS CT
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0011481 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 08/17/1994
Category: 72 HR
Status Date: 08/15/1995
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/24/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received

BELOW GARAGE SLAB (Continued) **S104545482**

Action Date: 10/7/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/14/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/15/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/16/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 8/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/26/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 8/30/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/31/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

BELOW GARAGE SLAB (Continued) **S104545482**

Chemicals:

Chemical:	GASOLINE
Quantity:	50 parts per million
Chemical:	GASOLINE
Quantity:	174 parts per million
Location Type:	COMMERCIAL
Source:	UST
Name:	BELOW GARAGE SLAB
Address:	26 HOBBS CT
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0013090 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/26/1995
Category:	120 DY
Status Date:	03/19/1999
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/8/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	3/19/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	3/9/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification

BELOW GARAGE SLAB (Continued) **S104545482**

Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/28/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/28/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 6/28/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: TPH
Quantity: 60.2 parts per million

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74 WNW 1/4-1/2 0.325 mi. 1715 ft. **COMMERCIAL PROPERTY** **MA LUST S101022556**
20 HOBBS CT **MA SPILLS N/A**
ARLINGTON, MA 02476 **MA RELEASE**

Relative: Higher
Actual: 93 ft.

LUST:

Facility:
Name: COMMERCIAL PROPERTY
Address: 20 HOBBS CT
City,State,Zip: ARLINGTON, MA 024760000
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0002867 / RAO
Status Date: 04/04/2003
Source Type: UST
Release Town: ARLINGTON
Notification Date: 04/05/1989
Category: NONE
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Not reported

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

COMMERCIAL PROPERTY (Continued) **S101022556**

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	4/4/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	4/5/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/5/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

MA Spills:

Facility ID:	3-2867	Spill ID:	N89-0489
Staff Lead:	PENTA, E	Date Entered:	19890531
Last Entered:	19940201	First Response:	19890404
Spill Date:	19890404	Spill Time:	Not reported
Report Date:	19890404	Report Time:	02:09PM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	----------	Qty Actual:	----------
CAS No:	Not reported	PCB Lev (ppm):	----------
Source:	U.S.T.	Other Source:	Not reported
Incident:	TANK REMOVAL	Other Incdnt:	Not reported
Cleanup Type:	___	Contractor:	NOT USED
Referral:	SA	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	ARLINGTON FD		
Notif Tel:	Not reported		
Days/Close:	0		

Release:

Name:	COMMERCIAL PROPERTY
Address:	20 HOBBS CT
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0002867 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	04/05/1989
Category:	NONE
Status Date:	04/04/2003
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Not reported

COMMERCIAL PROPERTY (Continued) **S101022556**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	4/4/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	4/5/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/5/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported
Location Type:	COMMERCIAL
Source:	UST

75
WNW
1/4-1/2
0.345 mi.
1823 ft.

BROWN AUTOMOTIVE SERVICES INC
1116 MASSACHUSETTS AVE
ARLINGTON, MA 02476

MA LUST **U003530805**
MA UST **N/A**
MA AST
MA RELEASE
MA HW GEN

Relative: Higher

Actual: 102 ft.

LUST:

Facility:

Name:	AMOCO STATION 5034 FMR
Address:	1116 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0000697 / RAO
Status Date:	02/21/1995
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	01/15/1990
Category:	NONE
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Not reported
Location Type:	GASSTATION
Source:	UST

BROWN AUTOMOTIVE SERVICES INC (Continued) **U003530805**

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 1/15/1990
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 1/5/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVDN
Action Date: 10/27/1989
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVREC
Action Date: 10/27/1989
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 2/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WCSPRM
Action Date: 2/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVACC
Action Date: 3/12/1990
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVSIG
Action Date: 3/6/1990
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

BROWN AUTOMOTIVE SERVICES INC (Continued) **U003530805**

UST:

Facility:

Name:	BROWN AUTOMOTIVE SERVICES INC
Address:	1116 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02476
Facility ID:	253
Owner Id:	9000
Owner:	BROWN AUTOMOTIVE SERVICES INC
Owner Address:	1116 MASSACHUSETTS AVE
Owner City,St,Zip:	ARLINGTON, MA 02476
Telephone:	7816430100
Description:	Retail Motor Vehicle Fuel
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.42178
Longitude:	-71.17290
Contact name:	Thomas Brown
Contact address1:	1116 Massachusetts Avenue
Contact address2:	Not reported
Contact city:	Arlington
Contact state:	MA
Contact zip:	02476
Contact email:	tbrown@brownautomotive.net
Update:	2016-11-29 00:00:00
Update by:	Thomas Brown
Fac status:	OPEN

Tank ID:	1
Tank Status:	**In Use**
Status Date:	Not reported
Date Installed:	05/01/1990
Capacity:	10000.00000
Contents:	Gasoline
Tank Usage:	Motor Vehi
Tank Leak Detection:	Continuous Interstitial Monitoring
Pipe Leak Detection:	Annual Automatic Line Leak Detection Test
Latitude:	42.42178
Longitude:	-71.17290
Tank construct:	Double-walled metal tank (cathodic protection required)
Pipe construct:	Double-walled non-corrodible material (No corrosion protection required)
Ptype:	Pressurized piping system with electronic automatic line leak detection
Number of compartment:	Not reported
Pipe install date:	05/01/1990
Pipe leak install date:	05/01/1990
Submersible sump:	Y
Submersible sump install date:	05/01/1990
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	05/01/1990
Spill bucket sensor:	N
Overfill protect install:	11/29/2016
Overfill protect type:	Automatic shut-off valve
Automatic line leak detect:	05/01/1990

BROWN AUTOMOTIVE SERVICES INC (Continued) **U003530805**

Tank corrosion type: Manufactured Sacrificial Anode (Galvanic) System
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: In Use
Status Date: Not reported
Date Installed: 05/01/1990
Capacity: 10000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Annual Automatic Line Leak Detection Test
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with electronic automatic line leak detection
Number of compartment: Not reported
Pipe install date: 05/01/1990
Pipe leak install date: 05/01/1990
Submersible sump: Y
Submersible sump install date: 05/01/1990
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: 05/01/1990
Spill bucket sensor: N
Overfill protect install: 06/01/2005
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: 05/01/1990
Tank corrosion type: Manufactured Sacrificial Anode (Galvanic) System
Leak corrosion type: Not reported

Tank ID: 3
Tank Status: In Use
Status Date: Not reported
Date Installed: 05/01/1990
Capacity: 10000.00000
Contents: Diesel
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Annual Automatic Line Leak Detection Test
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled metal tank (cathodic protection required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with electronic automatic line leak detection
Number of compartment: Not reported
Pipe install date: 05/01/1990
Pipe leak install date: 05/01/1990
Submersible sump: Y
Submersible sump install date: 05/01/1990
Turbine sump: N
Turbine sump sensor: N

BROWN AUTOMOTIVE SERVICES INC (Continued) **U003530805**

Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: 05/01/1990
Spill bucket sensor: N
Overfill protect install: 06/01/2005
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: 05/01/1990
Tank corrosion type: Manufactured Sacrificial Anode (Galvanic) System
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: Tank Removed
Status Date: 05/01/1990
Date Installed: 04/23/1962
Capacity: 550.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 5
Tank Status: Tank Removed
Status Date: 05/01/1990
Date Installed: Not reported
Capacity: 550.00000
Contents: Bulk Heati
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported

BROWN AUTOMOTIVE SERVICES INC (Continued) **U003530805**

Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

AST:

Name:	BROWNS AUTOMOTIVE SERVICES
Address:	1116 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02476
Owner Name:	BROWN AUTOMOTIVE SERVICES INC
Tank Type:	UST
Class:	STG1
Stage I Type:	Dual-Point
CARB # or System Type:	ComponentEVR
Test Cycle:	Annual
Date Form Mailed:	08/04/2020
Test Date:	Not reported
Postmark Date:	12/04/2020
Due Date:	09/11/2020
Form:	FormC
Form Rcvd and Complete?:	Superseded
Facility ID:	327783
Tank ID:	Not reported
Serial Number:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Contents:	Not reported
Tank Use:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Leak Detection:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Leak Detection:	Not reported
Aboveground:	Not reported

Release:

Name:	AMOCO STATION 5034 FMR
Address:	1116 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0000697 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/15/1990

BROWN AUTOMOTIVE SERVICES INC (Continued) **U003530805**

Category: NONE
Status Date: 02/21/1995
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 1/15/1990
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 1/5/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVDN
Action Date: 10/27/1989
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVREC
Action Date: 10/27/1989
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 2/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WCSPRM
Action Date: 2/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVACC
Action Date: 3/12/1990
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVSIG
Action Date: 3/6/1990
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

BROWN AUTOMOTIVE SERVICES INC (Continued) **U003530805**

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported
Location Type: GASSTATION
Source: UST

HW GEN:
Name: BROWNS AUTOMOTIVE SERVICES INC
Address: 1116 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476
EPA Id: MAD982755084
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

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76 SE 1/4-1/2 0.352 mi. 1860 ft. **HODGDON NOYES BUICK GMC TRUCK** **MA SHWS U003530808**
835 MASSACHUSETTS AVE **MA LUST N/A**
ARLINGTON, MA 02476 **MA UST**
MA RELEASE

Relative: Lower
Actual: 71 ft.

SHWS:
Name: GMC DEALERSHIP
Address: 835 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0006046
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 04/27/1994
Category: NONE
Associated ID: Not reported
Current Status: RAO
Status Date: 01/07/2000
Phase: PHASE IV
Response Action Outcome: A2
Oil Or Haz Material: Oil

LUST:

Facility:
Name: GMC DEALERSHIP
Address: 835 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0006046 / RAO
Status Date: 01/07/2000
Source Type: UST
Release Town: ARLINGTON
Notification Date: 04/27/1994
Category: NONE
Associated ID: Not reported
Phase: PHASE IV
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: PIPE

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: WASTE OIL
Quantity: Not reported

Actions:
Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/7/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 10/25/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 10/25/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 12/3/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 12/3/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 3/10/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 4/27/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 4/27/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/27/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 5/25/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: LSPFA
Action Date: 7/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/24/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/24/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

UST:

Facility:
Name: HODGDON NOYES BUICK GMC TRUCK
Address: 835 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476
Facility ID: 260
Owner Id: 4997
Owner: NOYES REALTY TRUST
Owner Address: 50 CONGRESS ST, ROOM 944
Owner City,St,Zip: BOSTON, MA 02109
Telephone: Not reported
Description: Not reported
Facility address 2: Not reported
Owner address 2: Not reported
Latitude: 42.41690
Longitude: -71.16072
Contact name: Not reported
Contact address1: Not reported
Contact address2: Not reported
Contact city: Not reported
Contact state: Not reported
Contact zip: Not reported
Contact email: Not reported

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

Update: 2009-02-09 00:00:00
Update by: Not reported
Fac status: CLOSED

Tank ID: 1
Tank Status: Tank Removed
Status Date: 05/10/1990
Date Installed: 05/06/1966
Capacity: 500.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: Tank Removed
Status Date: 05/10/1990
Date Installed: 05/06/1966
Capacity: 1000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 3
Tank Status: Tank Removed
Status Date: 05/10/1990
Date Installed: 05/06/1966
Capacity: 2000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: Tank Removed
Status Date: 06/01/1983
Date Installed: 05/06/1966
Capacity: 500.00000
Contents: Unregulate
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 5
Tank Status: Tank Removed
Status Date: 06/01/1983
Date Installed: 05/06/1966
Capacity: 500.00000
Contents: Unregulate
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 6
Tank Status: Tank Removed
Status Date: 06/01/1983
Date Installed: 05/06/1966
Capacity: 500.00000
Contents: Unregulate

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Release:

Name:	GMC DEALERSHIP
Address:	835 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0006046 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	04/27/1994
Category:	NONE
Status Date:	01/07/2000
Phase:	PHASE IV
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/7/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	10/25/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

Action Status:	Completion Statement Received
Action Date:	10/25/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Revised Statement or Transmittal Received
Action Date:	12/3/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Periodic Review Opinion Evaluating Temp Solution
Action Date:	12/3/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	3/10/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	4/27/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	4/27/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/27/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	5/25/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	TREGS
Action Status:	LSPFA
Action Date:	7/21/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/24/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

HODGDON NOYES BUICK GMC TRUCK (Continued) **U003530808**

reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/24/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: WASTE OIL
Quantity: Not reported
Location Type: COMMERCIAL
Source: PIPE
Source: UST

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77 SSW 1/4-1/2 0.424 mi. 2239 ft. **PARKER RESIDENCE** **MA SHWS S109029428**
9 BONAD RD **MA RELEASE N/A**
ARLINGTON, MA 02476

Relative: Higher
Actual: 181 ft.

SHWS:
Name: PARKER RESIDENCE
Address: 9 BONAD RD
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0027619
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 04/07/2008
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 07/31/2008
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Release:
Name: PARKER RESIDENCE
Address: 9 BONAD RD
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0027619 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 04/07/2008
Category: 120 DY
Status Date: 07/31/2008
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: RNF

PARKER RESIDENCE (Continued) **S109029428**

Action Status: Reportable Release under MGL 21E
Action Date: 4/22/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/7/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 4/7/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 4/7/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/7/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/15/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 7/30/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/31/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Not Required - Fee Refunded-FMCRA Use Only
Action Date: 8/6/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 9/11/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

PARKER RESIDENCE (Continued) **S109029428**

reduced to background.

Chemicals:
Chemical: #2 FUEL OIL C9-C18
Quantity: 1900 milligrams per kilogram

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78 South 1/4-1/2 0.429 mi. 2266 ft.
Relative: Higher
Actual: 171 ft.

RAAB RESIDENCE **MA LUST S104774198**
117 GRAY ST **MA RELEASE N/A**
ARLINGTON, MA

LUST:

Facility:
Name: RAAB RESIDENCE
Address: 117 GRAY ST
City,State,Zip: ARLINGTON, MA
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0019829 / RAO
Status Date: 11/29/2000
Source Type: UST
Release Town: ARLINGTON
Notification Date: 08/10/2000
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: RESIDNTIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: FUEL OIL #2
Quantity: 101 parts per million
Chemical: FUEL OIL #2
Quantity: 252 parts per million

Actions:
Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 11/29/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/29/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

RAAB RESIDENCE (Continued) **S104774198**

Action Status:	Reportable Release under MGL 21E
Action Date:	8/10/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/10/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	9/12/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/21/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Name:	RAAB RESIDENCE
Address:	117 GRAY ST
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0019829 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	08/10/2000
Category:	72 HR
Status Date:	11/29/2000
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	11/29/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	11/29/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E

RAAB RESIDENCE (Continued) **S104774198**

Action Date: 8/10/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 8/10/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 9/12/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/21/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: FUEL OIL #2
Quantity: 101 parts per million
Chemical: FUEL OIL #2
Quantity: 252 parts per million
Location Type: RESIDNTIAL
Source: UST

P79 **FORMER BRIGHAMS** **MA SHWS** **S101030660**
ESE **30 MILL ST** **MA LUST** **N/A**
1/4-1/2 **ARLINGTON, MA 02476** **MA INST CONTROL**
0.431 mi. **MA SPILLS**
2275 ft. **Site 1 of 5 in cluster P** **MA RELEASE**
MA ASBESTOS
Relative: Lower **MA ENF**

Actual: 58 ft.

SHWS:
Name: FORMER BRIGHAMS
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0030587
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 01/19/2012
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 11/09/2012
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

Name: FORMER BRIGHAMS
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024760000

FORMER BRIGHAMS (Continued) **S101030660**

Facility ID: 3-0030198
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 08/02/2011
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 08/09/2012
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Hazardous Material

Name: COMMERCIAL PROPERTY
Address: 30 MILL STREET
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0030668
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 02/24/2012
Category: 72 HR
Associated ID: Not reported
Current Status: DPS
Status Date: 06/12/2012
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Not reported

Name: BRIGHAMS INC
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 02174
Facility ID: 3-0000814
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 10/03/1986
Category: NONE
Associated ID: 3-0000814
Current Status: RAO
Status Date: 07/30/2007
Phase: PHASE III
Response Action Outcome: A2
Oil Or Haz Material: Oil

Name: NO LOCATION AID
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024764700
Facility ID: 3-0022081
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 09/05/2002
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 03/08/2005
Phase: Not reported
Response Action Outcome: B1
Oil Or Haz Material: Hazardous Material

FORMER BRIGHAMS (Continued) **S101030660**

LUST:

Facility:

Name:	NO LOCATION AID
Address:	30 MILL ST
City,State,Zip:	ARLINGTON, MA 024740000
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0014989 / RAO
Status Date:	04/05/1999
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	04/10/1997
Category:	72 HR
Associated ID:	Not reported
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	FUEL OIL #2
Quantity:	102 parts per million
Chemical:	NAPL
Quantity:	0.5 inches

Actions:

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/10/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/19/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/10/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

FORMER BRIGHAMS (Continued) **S101030660**

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	4/5/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/5/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	5/6/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	6/11/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	6/18/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	6/4/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	9/26/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/26/1997

FORMER BRIGHAMS (Continued) **S101030660**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/9/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Facility:
Name: BRIGHAMS EAST EDGE OF PARKING LOT
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0017697 / RAO
Status Date: 07/30/2007
Source Type: UST
Release Town: ARLINGTON
Notification Date: 12/07/1998
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: FUEL OIL #6
Quantity: Not reported
Chemical: #6 FUEL OIL
Quantity: Not reported

Actions:
Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 1/11/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 1/11/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 1/11/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received

FORMER BRIGHAMS (Continued) **S101030660**

Action Date: 1/12/1994
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 1/12/1999
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/25/2008
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 1/26/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/12/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/14/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/15/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/16/2003
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/18/2002
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/20/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/26/2001
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 10/31/2008
Response Action Outcome: Not reported

FORMER BRIGHAMS (Continued) **S101030660**

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 11/2/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 12/14/2004
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/16/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/7/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/7/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/9/2003
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/9/2011
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/5/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/5/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/26/2002
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 4/12/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received

FORMER BRIGHAMS (Continued) **S101030660**

Action Date: 4/12/1999
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 4/12/2007
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/13/2007
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/15/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/17/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/18/2003
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/22/2003
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/24/2003
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Action Status or AUL Terminated
Action Date: 4/4/2012
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 4/4/2012
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 4/4/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/5/2000
Response Action Outcome: Not reported

FORMER BRIGHAMS (Continued) **S101030660**

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 5/27/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 5/28/1999
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 6/12/2012
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/30/2007
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Level I - Technical Screen Audit
Action Date: 8/17/2011
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/8/2011
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/9/2011
Response Action Outcome: Not reported

INST CONTROL:
Name: BRIGHAMS EAST EDGE OF PARKING LOT
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0017697
Action Type: AUL
Action Stat: LEGNOT
Action Date: 04/04/2012
Response Action Outcome: -

Name: BRIGHAMS EAST EDGE OF PARKING LOT
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0017697
Action Type: AUL
Action Stat: LEGNOT
Action Date: 04/12/2007
Response Action Outcome: -

Name: BRIGHAMS EAST EDGE OF PARKING LOT
Address: 30 MILL ST

FORMER BRIGHAMS (Continued) **S101030660**

City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0017697
Action Type: AUL
Action Stat: RECPT
Action Date: 04/13/2007
Response Action Outcome: -

Name: BRIGHAMS EAST EDGE OF PARKING LOT
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0017697
Action Type: AUL
Action Stat: SNAUDI
Action Date: 10/31/2008
Response Action Outcome: -

Name: BRIGHAMS EAST EDGE OF PARKING LOT
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0017697
Action Type: AUL
Action Stat: TERMIN
Action Date: 04/04/2012
Response Action Outcome: -

Name: COMMERCIAL PROPERTY
Address: 30 MILL STREET
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0030668
Action Type: AUL
Action Stat: LEGNOT
Action Date: 05/21/2013
Response Action Outcome: -

Name: COMMERCIAL PROPERTY
Address: 30 MILL STREET
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0030668
Action Type: AUL
Action Stat: RECPT
Action Date: 05/16/2013
Response Action Outcome: -

Name: COMMERCIAL PROPERTY
Address: 30 MILL STREET
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0030668
Action Type: AUL
Action Stat: SNAUDI
Action Date: 11/10/2017
Response Action Outcome: -

Name: COMMERCIAL PROPERTY
Address: 30 MILL STREET
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0030668
Action Type: AUL

FORMER BRIGHAMS (Continued) **S101030660**

Action Stat: TSAUD
Action Date: 01/14/2014
Response Action Outcome: -

Name: BRIGHAMS INC
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number: 3-0000814
Action Type: AUL
Action Stat: LEGNOT
Action Date: 04/04/2012
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Name: BRIGHAMS INC
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number: 3-0000814
Action Type: AUL
Action Stat: LEGNOT
Action Date: 04/12/2007
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Name: BRIGHAMS INC
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number: 3-0000814
Action Type: AUL
Action Stat: RECPT
Action Date: 04/13/2007
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Name: BRIGHAMS INC
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number: 3-0000814
Action Type: AUL
Action Stat: SNAUDI
Action Date: 10/31/2008
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Name: BRIGHAMS INC
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number: 3-0000814
Action Type: AUL
Action Stat: TERMIN
Action Date: 04/04/2012
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

MA Spills:
Facility ID: 0000 Spill ID: N86-1007
Staff Lead: FONKEM, V Date Entered: Not reported

FORMER BRIGHAMS (Continued) **S101030660**

Last Entered:	Not reported	First Response:	Not reported
Spill Date:	19861010	Spill Time:	Not reported
Report Date:	Not reported	Report Time:	Not reported
Case Closed:	YES	Mat Type:	Not reported
Virgin Waste:	Not reported	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	MISCELLANEOUS OIL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	Not reported
Qty Reported:	Not reported	Qty Actual:	Not reported
CAS No:	Not reported	PCB Lev (ppm):	Not reported
Source:	U.S.T.	Other Source:	Not reported
Incident:	Not reported	Other Incdnt:	Not reported
Cleanup Type:	Not reported	Contractor:	Not reported
Referral:	Not reported	LUST Elig:	Not reported
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	1		

Release:

Name:	BRIGHAMS INC
Address:	30 MILL ST
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0000814 / RAO
Primary ID:	3-0000814
Official City:	ARLINGTON
Notification:	10/03/1986
Category:	NONE
Status Date:	07/30/2007
Phase:	PHASE III
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	1/11/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	1/11/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/12/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS

FORMER BRIGHAMS (Continued) **S101030660**

Action Status: WAVACC
Action Date: 1/12/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 1/12/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 1/13/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/25/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 1/26/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/12/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/14/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/15/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/16/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/18/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

FORMER BRIGHAMS (Continued) **S101030660**

reduced to background.

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/3/1986
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 10/3/1986
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 10/31/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/31/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 11/2/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 11/25/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/12/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 12/14/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 12/14/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification

FORMER BRIGHAMS (Continued) **S101030660**

Action Status: Tier 2 Extension
Action Date: 12/16/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVSIG
Action Date: 12/22/1993
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/7/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/9/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/5/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/26/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/12/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 4/12/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 4/12/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

FORMER BRIGHAMS (Continued) **S101030660**

reduced to background.

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/13/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/15/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/17/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/18/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/22/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/24/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 4/4/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 4/4/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation
Action Status: Action Status or AUL Terminated
Action Date: 4/4/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

FORMER BRIGHAMS (Continued) **S101030660**

Action Status: Status or Interim Report Received
Action Date: 4/5/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 5/27/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 5/28/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 6/12/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVREC
Action Date: 7/22/1993
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/30/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Level I - Technical Screen Audit
Action Date: 8/17/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/8/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: PETROLEUM
Quantity: Not reported
Location Type: MANUFACT

FORMER BRIGHAMS (Continued) **S101030660**

Name:	NO LOCATION AID
Address:	30 MILL ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0014989 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	04/10/1997
Category:	72 HR
Status Date:	04/05/1999
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/10/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/19/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/10/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	4/5/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

FORMER BRIGHAMS (Continued) **S101030660**

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 4/5/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/6/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 6/11/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 6/18/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 6/4/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 9/26/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/26/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/9/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: FUEL OIL #2
Quantity: 102 parts per million
Chemical: NAPL
Quantity: 0.5 inches
Location Type: COMMERCIAL
Source: UST

FORMER BRIGHAMS (Continued) **S101030660**

Name:	BRIGHAMS EAST EDGE OF PARKING LOT
Address:	30 MILL ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0017697 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	12/07/1998
Category:	72 HR
Status Date:	07/30/2007
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	1/11/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	1/11/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	1/11/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/12/1994
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	1/12/1999
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	1/25/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	1/26/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/12/2000
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action

FORMER BRIGHAMS (Continued) **S101030660**

Action Status: Status or Interim Report Received
Action Date: 10/14/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/15/2001
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/16/2003
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/18/2002
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/20/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/26/2001
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 10/31/2008
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 11/2/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 12/14/2004
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/16/1999
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/7/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/7/1998

FORMER BRIGHAMS (Continued) **S101030660**

Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/9/2003
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/9/2011
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/5/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/5/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/26/2002
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 4/12/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/12/1999
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 4/12/2007
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/13/2007
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/15/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/17/2001
Response Action Outcome: Not reported

FORMER BRIGHAMS (Continued) **S101030660**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/18/2003
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/22/2003
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/24/2003
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Action Status or AUL Terminated
Action Date: 4/4/2012
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 4/4/2012
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 4/4/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/5/2000
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 5/27/1999
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 5/28/1999
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 6/12/2012
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/30/2007
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Level I - Technical Screen Audit

FORMER BRIGHAMS (Continued) **S101030660**

Action Date: 8/17/2011
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/8/2011
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/9/2011
Response Action Outcome: Not reported

Chemicals:
Chemical: FUEL OIL #6
Quantity: Not reported
Chemical: #6 FUEL OIL
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

Name: NO LOCATION AID
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024764700
Release Tracking Number/Current Status: 3-0022081 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 09/05/2002
Category: 120 DY
Status Date: 03/08/2005
Phase: Not reported
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/8/2005
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/22/2003
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Downgradient Property Status
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/24/2003
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

FORMER BRIGHAMS (Continued) **S101030660**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 9/16/2002
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/5/2002
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/5/2002
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:
Chemical: CHROMIUM, ION (CR6+)
Quantity: 220 micrograms per liter

Name: FORMER BRIGHAMS
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0030198 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 08/02/2011
Category: 120 DY
Status Date: 08/09/2012
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/4/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/1/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/17/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

FORMER BRIGHAMS (Continued) **S101030660**

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/4/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/7/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 12/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Submittal Determined to be Invalid by DEP
Action Date: 12/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 2/29/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 6/12/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 6/7/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/13/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Level I - Technical Screen Audit
Action Date: 8/17/2011

FORMER BRIGHAMS (Continued) **S101030660**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/2/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/2/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 8/2/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: SHPFAC
Action Date: 8/23/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: NOTSHP
Action Date: 8/23/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/24/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: SHPFAC
Action Date: 8/24/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/8/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 8/9/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

FORMER BRIGHAMS (Continued) **S101030660**

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/9/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/12/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/22/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: BARIUM
Quantity: 6900 milligrams per kilogram
Chemical: TOTAL CHROMIUM
Quantity: 110 milligrams per kilogram
Chemical: SILVER
Quantity: 590 milligrams per kilogram
Chemical: CADMIUM
Quantity: 14 milligrams per kilogram
Chemical: NICKEL
Quantity: 51 milligrams per kilogram
Chemical: ARSENIC
Quantity: 23 milligrams per kilogram
Chemical: TETRACHLOROETHYLENE
Quantity: 1.5 milligrams per kilogram
Chemical: LEAD
Quantity: 2600 milligrams per kilogram
Chemical: THALLIUM
Quantity: 55 milligrams per kilogram
Source: UNKNOWN

Name: FORMER BRIGHAMS
Address: 30 MILL ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0030587 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 01/19/2012
Category: 120 DY
Status Date: 11/09/2012
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

FORMER BRIGHAMS (Continued) **S101030660**

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/19/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/19/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/19/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 11/13/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 11/7/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/9/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/3/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 6/25/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: TPH
Quantity: 2600 milligrams per kilogram

Name: COMMERCIAL PROPERTY
Address: 30 MILL STREET
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0030668 / DPS
Primary ID: Not reported

FORMER BRIGHAMS (Continued) **S101030660**

Official City: ARLINGTON
Notification: 02/24/2012
Category: 72 HR
Status Date: 06/12/2012
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Activity and Use Limitation
Action Status: Level I - Technical Screen Audit
Action Date: 1/14/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 1/23/2014
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 1/3/2013
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDRUN
Action Date: 11/1/2017
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 11/10/2017
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: Notice of Non-compliance related to an Audit
Action Date: 11/10/2017
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 12/28/2012
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/24/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 2/24/2012
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action

FORMER BRIGHAMS (Continued) **S101030660**

Action Status: Interim Deadline Letter Issued
Action Date: 3/13/2012
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/13/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 4/27/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/27/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 5/16/2013
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/16/2013
Response Action Outcome: Not reported

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 5/21/2013
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit
Action Status: Audit Follow-up Completion Statement Received
Action Date: 5/23/2018
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 6/12/2012
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/12/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 6/19/2012
Response Action Outcome: Not reported

Action Type: Downgradient Property Status
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/27/2012

FORMER BRIGHAMS (Continued) **S101030660**

Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 7/13/2012
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 7/16/2012
Response Action Outcome: Not reported

Chemicals:
Chemical: PETROLEUM (LNAPL)
Quantity: 0.5 inches
Location Type: COMMERCIAL
Source: UNKNOWN

ASBESTOS:
Name: FORMER BRIGHAM'S FACILITY
Address: 30 MILL STREET
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 06/22/2011
End Date: 08/31/2011
Date Entered: Not reported
Entry Date: 06/08/2011
Quantity Materical Removed SF: 85000.00
Quantity Material Removed LF: 1000.00
Project Description: Insl,Trns,FL/MST/CT/JC
AR Tracking ID: 143054
Super Lic Number: AS034850
Monitor Lic Number: AA000161
Lab Lic Number: AA000145
Year: 2011
Sticker Number: 100127864
Form Type: ANF-001
Fee Status: Fifty
Facility Phone: Not reported
Sub Town: Not reported
Worksite: THROUGHOUT BLDG AND
Occupied: -1
Contractor: AC000392
Contract Type: WRITTEN
Hours: Week days: 7AM-3PM Week end: N/A
Project Type: Renv
Abatement Process: Glv,Fcontain,SAFE WORK PRACTICES
Location: Indoors
Decon Process: 3-CHAMBERED DECON W SHOWER AND/OR 2-CHAMBERED DECON W WASH STATION.
Disposal Methods: ACM WILL BE WET (HAND TO BAG) ACM WILL BE LABELED, PACKAGED & TRANSPORTED.
Facility Usage: RETAIL
Waiver Given: Not reported
DEP Waiver Number: Not reported

FORMER BRIGHAMS (Continued) **S101030660**

DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	WP EAST DEVELOPMENT ENTERPRISES
Owner Address:	1 CONCORD FARM - 490 VIRGINIA RD ST 2
Owner City:	CONCORD, MA
Owner State:	MA
On Site Manager Name:	CALLAHAN, INC.
On Site Manager Phone:	508 279 0012
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	NORTHEAST REMEDIATION
Transporter Address:	25 STOREY AVENUE # 256
Transporter City:	NEWBURYPORT, MA
Transporter State:	Not reported
Final Site:	7
Certified Name:	WENDY CARIAS
Cert Sign Date:	06/08/2011
Certified Company:	NER
Certified Phone:	6173899188
Entered_by:	Not reported

ENFORCEMENT:

Name:	U.S. REIF BRIGHAM SQUARE MASSACHUSETTS LLC AND SP5 ALTA MILL ST LLC
Address:	30 MILL STREET
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3r
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0030668
High Or Low Level Enforcement:	LLE
FMF #:	Not reported
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	11/10/2017
ENF #:	00002700
Document Type:	NON
AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	YES
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name:	SP5 WOOD ALTA MILL STREET, LLC
Address:	30 MILL STREET

FORMER BRIGHAMS (Continued) **S101030660**

City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3c
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0030668
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	03/13/2012
ENF #:	Faux Enf- 1881
Document Type:	IDL
AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

P80 **24 MILL ST** **MA HW GEN** **S113670265**
ESE **24 MILL ST** **MA MERCURY** **N/A**
1/4-1/2 **ARLINGTON, MA 02476**
0.431 mi.
2275 ft. **Site 2 of 5 in cluster P**

Relative: **Lower**
Actual: **56 ft.**

HW GEN:

Name:	24 MILL ST
Address:	24 MILL ST
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MAR000549279
RCRA Generator Status:	Not reported
State Generator Status:	SQG-MA

MERCURY:

Name:	SHATTUCKS ACE HARDWARE
Address:	24 MILL STREET
City,State,Zip:	ARLINGTON, MA
Hours1:	Sat 8am - 5pm, Sun 10am - 5pm
Hours2:	Mon - Fri 7:30am - 6pm
Work Phone:	(781) 643-1900
Button Batteries B:	Not reported
Button Batteries R:	Yes
Fluorescent Lamps (Incl# Cfls) B:	Not reported
Fluorescent Lamps (Incl# Cfls) R:	Yes
Thermostats B:	Not reported
Thermostats R:	Yes
Electronics-Inc Flat Panel TV,Laptops B:	Not reported

24 MILL ST (Continued) **S113670265**

Electronics-Inc Flat Panel TV,Laptops R: Not reported
Other Hg Products-Thermometers Blood Press Cuffs B: Not reported
Other Hg Products-Thermometers Blood Press Cuffs R: Yes
Comments: Not reported

81
NW
1/4-1/2
0.432 mi.
2282 ft.

ED BURNS ARENA & ICE SKATING RINK
422 SUMMER STREET
ARLINGTON, MA 02474

MA SHWS **S119820907**
MA RELEASE **N/A**
MA ASBESTOS
MA HW GEN

Relative:
Higher

Actual:
142 ft.

SHWS:

Name:	ED BURNS ARENA & ICE SKATING RINK
Address:	422 SUMMER STREET
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0036635
Source Type:	AMMONIA TA
Release Town:	ARLINGTON
Notification Date:	11/20/2020
Category:	TWO HR
Associated ID:	Not reported
Current Status:	PSNC
Status Date:	03/05/2021
Phase:	Not reported
Response Action Outcome:	PN
Oil Or Haz Material:	Hazardous Material

Release:

Name:	ED BURNS ARENA & ICE SKATING RINK
Address:	422 SUMMER STREET
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0036635 / PSNC
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	11/20/2020
Category:	TWO HR
Status Date:	03/05/2021
Phase:	Not reported
Response Action Outcome:	PN - PN
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/20/2020
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	11/20/2020
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	11/24/2020

ED BURNS ARENA & ICE SKATING RINK (Continued) **S119820907**

Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/17/2020
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 3/5/2021
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 3/5/2021
Response Action Outcome: PN

Chemicals:
Chemical: AMMONIA
Quantity: 50 pounds
Location Type: STATE
Source: AMMONIA TA

ASBESTOS:
Name: TOWN OF ARLINGTON
Address: 422 SUMMER ST.
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 07/02/2007
End Date: 07/06/2007
Date Entered: Not reported
Entry Date: 06/19/2007
Quantity Materical Removed SF: 96.00
Quantity Material Removed LF: .00
Project Description: Blr
AR Tracking ID: 84643
Super Lic Number: AS032802
Monitor Lic Number: AM060297
Lab Lic Number: AA000131
Year: 2007
Sticker Number: 100057103
Form Type: ANF-001
Fee Status: Exempt
Facility Phone: 7813163880
Sub Town: Not reported
Worksite: CHILLER ROOM
Occupied: -1
Contractor: AC000112
Contract Type: WRITTEN
Hours: Week days: 8AM-5PM Week end: NA
Project Type: Rpr
Abatement Process: Fcontain
Location: Indoors
Decon Process: CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA

ED BURNS ARENA & ICE SKATING RINK (Continued) **S119820907**

Disposal Methods:	WET ASBESTOS PACKED IN DOUBLE 6 MIL POLY BAG
Facility Usage:	RECREATIONAL FACILITY
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	TOWN OF ARLINGTON
Owner Address:	422 SUMMER ST.
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	SAM NIGRO
Cert Sign Date:	06/19/2007
Certified Company:	DUDLEY SERVICES INC.
Certified Phone:	7816434328
Entered_by:	Not reported

HW GEN:

Name:	ED BURNS ICE RINK
Address:	422 SUMMER ST
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MAR000578757
RCRA Generator Status:	VSQG
State Generator Status:	Not reported

P82 **NO LOCATION AID** **MA SHWS** **S118947423**
ESE **26 MILL STREET** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON, MA**
0.434 mi.
2291 ft. **Site 3 of 5 in cluster P**

Relative:
Lower

Actual:
57 ft.

SHWS:

Name:	NO LOCATION AID
Address:	26 MILL STREET
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0033707
Source Type:	TRANSFORM
Release Town:	ARLINGTON
Notification Date:	07/21/2016
Category:	TWO HR
Associated ID:	Not reported
Current Status:	PSNC
Status Date:	09/19/2016
Phase:	Not reported
Response Action Outcome:	PN
Oil Or Haz Material:	Oil

NO LOCATION AID (Continued) **S118947423**

Release:

Name:	NO LOCATION AID
Address:	26 MILL STREET
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0033707 / PSNC
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	07/21/2016
Category:	TWO HR
Status Date:	09/19/2016
Phase:	Not reported
Response Action Outcome:	PN - PN
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	7/21/2016
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/21/2016
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/16/2016
Response Action Outcome:	PN
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/19/2016
Response Action Outcome:	PN
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/19/2016
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	9/19/2016
Response Action Outcome:	PN

Chemicals:

Chemical:	MINERAL OIL DIELECTRIC FLUID
Quantity:	76 gallons
Chemical:	TRANSFORMER OIL
Quantity:	50 gallons
Location Type:	MUNICIPAL
Source:	TRANSFORM

83
WNW
1/4-1/2
0.438 mi.
2312 ft.

MIRAK CHEVROLET
1165-67R MASSACHUSETTS AVE
ARLINGTON, MA 02174

MA LUST **S101697394**
MA RELEASE **N/A**

Relative:
Higher

Actual:
99 ft.

LUST:

Facility:

Name:	MIRAK CHEVROLET
Address:	1165-67R MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0002610 / RAO
Status Date:	06/01/1994
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	10/13/1989
Category:	NONE
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material:	Not reported
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/13/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	10/13/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	10/13/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	6/1/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

MIRAK CHEVROLET (Continued) **S101697394**

Release:

Name:	MIRAK CHEVROLET
Address:	1165-67R MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0002610 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/13/1989
Category:	NONE
Status Date:	06/01/1994
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/13/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	10/13/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	10/13/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	6/1/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported
Location Type:	COMMERCIAL
Source:	UST

P84 **BRIGHAMS REAR LOADING DOCK** **MA SHWS** **S104562541**
ESE **42 MILL ST** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON, MA 02474**
0.440 mi.
2323 ft. **Site 4 of 5 in cluster P**

Relative:
Lower

Actual:
60 ft.

SHWS:

Name:	BRIGHAMS REAR LOADING DOCK
Address:	42 MILL ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0019499
Source Type:	PIPE
Release Town:	ARLINGTON
Notification Date:	05/03/2000
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	05/24/2000
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Oil

Name:	REAR LOADING DOCK
Address:	42 MILL ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0021092
Source Type:	VEHICLE
Release Town:	ARLINGTON
Notification Date:	09/18/2001
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	11/13/2001
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Oil

Release:

Name:	BRIGHAMS REAR LOADING DOCK
Address:	42 MILL ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0019499 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	05/03/2000
Category:	TWO HR
Status Date:	05/24/2000
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/12/2000

BRIGHAMS REAR LOADING DOCK (Continued) **S104562541**

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/24/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/24/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/3/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/3/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/20/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/9/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: HYDRAULIC FLUID
Quantity: 50 gallons
Chemical: HYDRAULIC FLUID
Quantity: Not reported
Location Type: COMMERCIAL
Source: PIPE

Name: REAR LOADING DOCK
Address: 42 MILL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0021092 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 09/18/2001
Category: TWO HR
Status Date: 11/13/2001
Phase: Not reported

BRIGHAMS REAR LOADING DOCK (Continued) **S104562541**

Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 10/17/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/13/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/13/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 9/18/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/18/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: HYDRAULIC FLUID
Quantity: 15 gallons
Chemical: HYDRAULIC FLUID
Quantity: 11 gallons
Location Type: COMMERCIAL
Source: VEHICLE

85
WNW
1/4-1/2
0.451 mi.
2381 ft.

VILLAGE STRIPPER **MA SHWS S100828091**
1151R MASSACHUSETTS AVE **MA RELEASE N/A**
ARLINGTON, MA 02174

Relative:
Higher

Actual:
105 ft.

SHWS:
Name: VILLAGE STRIPPER
Address: 1151R MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02174
Facility ID: 3-0000213
Source Type: Not reported

VILLAGE STRIPPER (Continued) **S100828091**

Release Town:	ARLINGTON
Notification Date:	01/15/1987
Category:	NONE
Associated ID:	Not reported
Current Status:	RAO
Status Date:	05/12/1997
Phase:	PHASE II
Response Action Outcome:	B1
Oil Or Haz Material:	Not reported

Release:

Name:	VILLAGE STRIPPER
Address:	1151R MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0000213 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/15/1987
Category:	NONE
Status Date:	05/12/1997
Phase:	PHASE II
Response Action Outcome:	B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil / Haz Material Type:	Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	1/15/1987
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type:	TREGS
Action Status:	LSPFA
Action Date:	3/14/1997
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	3/19/1997
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	3/19/1997
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/19/1997
Response Action Outcome:	Remedial actions have not been conducted because a level of No

VILLAGE STRIPPER (Continued) **S100828091**

Significant Risk exists.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 4/23/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/12/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

P86 **NO LOCATION AID** **MA SHWS** **S104482573**
ESE **25 MILL ST** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON HEIGHTS, MA**
0.455 mi.
2405 ft. **Site 5 of 5 in cluster P**

Relative: **Lower**
Actual: **57 ft.**

SHWS:
Name: NO LOCATION AID
Address: 25 MILL ST
City,State,Zip: ARLINGTON HEIGHTS, MA
Facility ID: 3-0019235
Source Type: VEHICLE
Release Town: ARLINGTON
Notification Date: 02/02/2000
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 03/24/2000
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

Release:
Name: NO LOCATION AID
Address: 25 MILL ST
City,State,Zip: ARLINGTON HEIGHTS, MA
Release Tracking Number/Current Status: 3-0019235 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 02/02/2000
Category: TWO HR
Status Date: 03/24/2000
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

NO LOCATION AID (Continued) **S104482573**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/15/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	2/2/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	2/2/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	2/2/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	2/3/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/2/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	3/24/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical:	FUEL OIL #2
Quantity:	40 gallons
Location Type:	RESIDNTIAL
Source:	VEHICLE

Q87
NW
1/4-1/2
0.462 mi.
2441 ft.

RECYCLING CENTER
33 RYDER STREET
ARLINGTON, MA

MA MERCURY **S127580582**
N/A

Site 1 of 2 in cluster Q

Relative: Higher

Actual: 108 ft.

MERCURY:

Name:	RECYCLING CENTER
Address:	33 RYDER STREET
City,State,Zip:	ARLINGTON, MA
Hours1:	Thurs 8am - 7pm
Hours2:	Mon - Wed 8am-4pm, Fri 8am-4pm
Work Phone:	(781) 316-3108
Button Batteries B:	Not reported
Button Batteries R:	Yes
Fluorescent Lamps (Incl# Cfls) B:	Not reported
Fluorescent Lamps (Incl# Cfls) R:	Not reported
Thermostats B:	Not reported
Thermostats R:	Yes
Electronics-Inc Flat Panel TV,Laptops B:	Not reported
Electronics-Inc Flat Panel TV,Laptops R:	Yes
Other Hg Products-Thermometers Blood Press Cuffs B:	Not reported
Other Hg Products-Thermometers Blood Press Cuffs R:	Yes
Comments:	Appointment required for product dropoff. Other products: Thermometers. Residents can take light bulbs to hardware stores Shattucks Ace (24 Mill Street) and Wanamakers True Value (1298 Mass Ave). Princing information for electronics can be found at https://www.arlingtonma.gov/departments/public-works/recycling-trash-composting/recycling-center

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Q88
NW
1/4-1/2
0.484 mi.
2554 ft.

HYDRO GROUP INC
15 RYDER ST
ARLINGTON, MA 02476

MA LUST **U003000489**
MA UST **N/A**
MA RELEASE
MA ASBESTOS

Site 2 of 2 in cluster Q

Relative: Higher

Actual: 104 ft.

LUST:

Facility:

Name:	ARLINGTON GARAGE CENTER
Address:	15 RYDER ST
City,State,Zip:	ARLINGTON, MA 02174
Current Status:	**Waiver Completion Statement, Permanent**
Release Tracking Number/Current Status:	3-0002522 / WCSPRM
Status Date:	10/17/1994
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	10/15/1989
Category:	NONE
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Oil
Location Type:	FORMER
Location Type:	AUTODEALER
Location Type:	COMMERCIAL
Source:	UST

HYDRO GROUP INC (Continued) **U003000489**

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: PETROLEUM
Quantity: Not reported

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/15/1989
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVACC
Action Date: 10/15/1989
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WCSPRM
Action Date: 10/17/1994
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVSIG
Action Date: 10/6/1989
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVREC
Action Date: 7/10/1989
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 9/29/1994
Response Action Outcome: Not reported

UST:

Facility:
Name: HYDRO GROUP INC
Address: 15 RYDER ST
City,State,Zip: ARLINGTON, MA 02476
Facility ID: 242
Owner Id: 3161
Owner: HYDRO GROUP INC
Owner Address: 15 RYDER ST
Owner City,St,Zip: ARLINGTON, MA 02476
Telephone: Not reported
Description: Not reported
Facility address 2: Not reported
Owner address 2: Not reported
Latitude: 42.42450
Longitude: -71.17398

HYDRO GROUP INC (Continued) **U003000489**

Contact name: Not reported
Contact address1: Not reported
Contact address2: Not reported
Contact city: Not reported
Contact state: Not reported
Contact zip: Not reported
Contact email: Not reported
Update: 2009-02-09 00:00:00
Update by: Not reported
Fac status: CLOSED

Tank ID: 1
Tank Status: Tank Removed
Status Date: 05/05/1988
Date Installed: 04/15/1956
Capacity: 1000.00000
Contents: Diesel
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Release:
Name: ARLINGTON GARAGE CENTER
Address: 15 RYDER ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0002522 / WCSPRM
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/15/1989
Category: NONE
Status Date: 10/17/1994
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

HYDRO GROUP INC (Continued) **U003000489**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	10/15/1989
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVACC
Action Date:	10/15/1989
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WCSPRM
Action Date:	10/17/1994
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVSIG
Action Date:	10/6/1989
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVREC
Action Date:	7/10/1989
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	9/29/1994
Response Action Outcome:	Not reported

Chemicals:

Chemical:	PETROLEUM
Quantity:	Not reported
Location Type:	FORMER
Location Type:	AUTODEALER
Location Type:	COMMERCIAL
Source:	UST

ASBESTOS:

Name:	YUKON LLC
Address:	15 RYDER ST
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	02/08/2006
End Date:	02/08/2006
Date Entered:	Not reported
Entry Date:	01/23/2006
Quantity Materical Removed SF:	.00
Quantity Material Removed LF:	15.00
Project Description:	Blr
AR Tracking ID:	63639

HYDRO GROUP INC (Continued) **U003000489**

Super Lic Number:	AS032802
Monitor Lic Number:	AM060297
Lab Lic Number:	AA000131
Year:	2006
Sticker Number:	100027980
Form Type:	ANF-001
Fee Status:	Fifty
Facility Phone:	7816416810
Sub Town:	Not reported
Worksite:	LST FLOOR
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	Week days: 8AM-5PM Week end:
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PACKED IN DOUBLE 6 MIL POLY BAGS LABELED "ASBESTOS".
Facility Usage:	BUSINESS
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	YUKON LLC
Owner Address:	1125 MASS AVE
Owner City:	ARLINGTON, MA
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	SAMUEL J. NIGRO III
Cert Sign Date:	01/23/2006
Certified Company:	DUDLEY SERVICES INC.
Certified Phone:	7816434328
Entered_by:	Not reported

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89 **RESIDENCE** **MA LAST** **S110303606**
NNW **16 FABYAN ST** **MA RELEASE** **N/A**
1/4-1/2 **ARLINGTON, MA 02474**
0.491 mi.
2593 ft.

Relative: **Higher**

Actual: **252 ft.**

LAST:

Name:	RESIDENCE
Address:	16 FABYAN ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0029270 / RAO
Source Type:	AST
Release Town:	ARLINGTON

RESIDENCE (Continued) **S110303606**

Notification Date: 05/08/2010
Category: TWO HR
Associated ID: Not reported
Status Date: 07/28/2010
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 30 gallons
Chemical: HEATING OIL
Quantity: 30 gallons
Location Type: RESIDNTIAL
Source: AST

Actions:
Action Type: RLFA
Action Status: FLDRUN
Action Date: 5/11/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 5/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 5/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/25/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1U
Action Date: 5/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: FLDISS
Action Date: 5/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

RESIDENCE (Continued) **S110303606**

reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/1/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/18/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 6/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/12/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/28/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

RESIDENCE (Continued) **S110303606**

Release:

Name:	RESIDENCE
Address:	16 FABYAN ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0029270 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	05/08/2010
Category:	TWO HR
Status Date:	07/28/2010
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	5/11/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	5/24/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	5/24/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/24/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	5/25/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDD1U
Action Date:	5/8/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS

RESIDENCE (Continued) **S110303606**

Action Date: 5/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/1/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/18/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 6/8/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/12/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/2/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/28/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

RESIDENCE (Continued) **S110303606**

Chemicals:
- Chemical: #2 FUEL OIL
- Quantity: 30 gallons
- Chemical: HEATING OIL
- Quantity: 30 gallons
- Location Type: RESIDNTIAL
- Source: AST

90
East
1/4-1/2
0.499 mi.
2633 ft.

RESIDENCE
18 EDGEHILL ROAD
ARLINGTON, MA 02474

MA SHWS **S117405710**
MA LAST **N/A**
MA RELEASE
MA ASBESTOS

Relative:
Lower

Actual:
63 ft.

SHWS:
- Name: RESIDENCE
- Address: 18 EDGEHILL ROAD
- City,State,Zip: ARLINGTON, MA 024740000
- Facility ID: 3-0032645
- Source Type: OHMDELIVER
- Release Town: ARLINGTON
- Notification Date: 12/19/2014
- Category: TWO HR
- Associated ID: Not reported
- Current Status: PSNC
- Status Date: 06/04/2015
- Phase: Not reported
- Response Action Outcome: PN
- Oil Or Haz Material: Oil

LAST:
- Name: RESIDENCE
- Address: 18 EDGEHILL ROAD
- City,State,Zip: ARLINGTON, MA 024740000
- Release Tracking Number/Current Status: 3-0032645 / PSNC
- Source Type: AST
- Release Town: ARLINGTON
- Notification Date: 12/19/2014
- Category: TWO HR
- Associated ID: Not reported
- Status Date: 06/04/2015
- Phase: Not reported
- Response Action Outcome: PN - PN
- Oil Or Haz Material: Oil

Chemicals:
- Chemical: #2 FUEL OIL
- Quantity: 100 gallons
- Location Type: RESIDNTIAL
- Source: AST
- Source: OHMDELIVER

Actions:
- Action Type: A Notice sent to a Potentially Responsible Party (PRP)
- Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
- Action Date: 1/20/2015
- Response Action Outcome: PN

RESIDENCE (Continued) **S117405710**

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/19/2014
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/19/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1A
Action Date: 12/19/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 12/23/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1U
Action Date: 12/23/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 12/30/2014
Response Action Outcome: PN

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/30/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/30/2014
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/16/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/16/2015
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 2/16/2015
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN

RESIDENCE (Continued) **S117405710**

Action Date: 2/26/2015
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/10/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 3/6/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/16/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 4/16/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 4/17/2015
Response Action Outcome: PN

Action Type: BOL
Action Status: SHPFAC
Action Date: 4/29/2015
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 6/4/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 6/4/2015
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/8/2015
Response Action Outcome: PN

Release:
Name: RESIDENCE
Address: 18 EDGEHILL ROAD
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0032645 / PSNC
Primary ID: Not reported
Official City: ARLINGTON
Notification: 12/19/2014

RESIDENCE (Continued) **S117405710**

Category: TWO HR
Status Date: 06/04/2015
Phase: Not reported
Response Action Outcome: PN - PN
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/20/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/19/2014
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/19/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1A
Action Date: 12/19/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 12/23/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDD1U
Action Date: 12/23/2014
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 12/30/2014
Response Action Outcome: PN

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/30/2014
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/30/2014
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/16/2015

RESIDENCE (Continued) **S117405710**

Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/16/2015
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 2/16/2015
Response Action Outcome: PN

Action Type: RLFA
Action Status: FLDRAN
Action Date: 2/26/2015
Response Action Outcome: PN

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/10/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 3/6/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 4/16/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 4/16/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 4/17/2015
Response Action Outcome: PN

Action Type: BOL
Action Status: SHPFAC
Action Date: 4/29/2015
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 6/4/2015
Response Action Outcome: PN

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 6/4/2015
Response Action Outcome: PN

RESIDENCE (Continued) **S117405710**

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/8/2015
Response Action Outcome: PN

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 100 gallons
Location Type: RESIDNTIAL
Source: AST
Source: OHMDELIVER

ASBESTOS:
Name: JOHN ACKERLY
Address: 18 EDGEHILL RD
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 12/24/2014
End Date: 12/24/2014
Date Entered: Not reported
Entry Date: 12/23/2014
Quantity Materical Removed SF: 300.00
Quantity Material Removed LF: .00
Project Description: Trns
AR Tracking ID: 204621
Super Lic Number: AS000339
Monitor Lic Number: AA000144
Lab Lic Number: Not reported
Year: 2014
Sticker Number: 100213251
Form Type: ANF-001
Fee Status: EXEMPT
Facility Phone: 7816436046
Sub Town: Not reported
Worksite: BASEMENT
Occupied: 0
Contractor: AC000511
Contract Type: WRITTEN
Hours: 8AM-4
Project Type: Oth:ASBESTOS REMOVAL
Abatement Process: Fcontain
Location: INDOORS
Decon Process: FULL CONTAINMENT
Disposal Methods: ALL METHODS WILL COMPLY
Facility Usage: RESSIDENTIAL
Waiver Given: Not reported
DEP Waiver Number: 1412866
DLWD Waiver Number: 11496-2014
Small Owner Occ: -1
Owner Name: SAME
Owner Address: SAME
Owner City: SAME
Owner State: MA
On Site Manager Name: SAME

RESIDENCE (Continued) **S117405710**

On Site Manager Phone:	7816436046
Ins Comp:	TRAVELERS
Policy Number:	UB4484P107-10
EXP Date:	12/23/2015
Facility Size:	2000
Transporter Name:	NATIONAL ABATEMENT
Transporter Address:	PO BOX 4386
Transporter City:	PEABODY
Transporter State:	MA
Final Site:	Not reported
Certified Name:	JIM NET
Cert Sign Date:	12/23/2014
Certified Company:	NA, INC
Certified Phone:	7815893161
Entered_by:	JIMMYNET05

91
WNW
1/2-1
0.512 mi.
2701 ft.

ROADWAY
14 RYDER ST
ARLINGTON, MA 02474

MA SHWS **S103043508**
MA RELEASE **N/A**

Relative:
Higher

Actual:
103 ft.

SHWS:

Name:	ROADWAY
Address:	14 RYDER ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0016659
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	04/02/1998
Category:	120 DY
Associated ID:	Not reported
Current Status:	URAM
Status Date:	04/09/1998
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Oil and Hazardous Material

Release:

Name:	ROADWAY
Address:	14 RYDER ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0016659 / URAM
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	04/02/1998
Category:	120 DY
Status Date:	04/09/1998
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E

ROADWAY (Continued) **S103043508**

Action Date: 4/2/1998
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Notice of Intent to Conduct a URAM
Action Date: 4/2/1998
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Notification of URAM Received
Action Date: 4/9/1998
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/9/1998
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 7/13/1998
Response Action Outcome: Not reported

Chemicals:
Chemical: TPH
Quantity: 2880 parts per million
Chemical: BENZO[A]ANTHRACENE
Quantity: 1.37 parts per million
Chemical: BENZO[A]ANTHRACENE
Quantity: 1.37 parts per billion
Location Type: ROADWAY
Source: UNKNOWN

92
ESE
1/2-1
0.512 mi.
2705 ft.

NO LOCATION AID
24 CENTRAL ST
ARLINGTON, MA 02474

MA SHWS **S102087539**
MA LAST **N/A**
MA INST CONTROL
MA RELEASE

Relative:
Lower

Actual:
58 ft.

SHWS:
Name: NO LOCATION AID
Address: 24 CENTRAL ST
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0013738
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 05/08/1996
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 05/01/1998
Phase: PHASE II
Response Action Outcome: A3
Oil Or Haz Material: Oil

LAST:
Name: NO LOCATION AID

NO LOCATION AID (Continued) **S102087539**

Address: 24 CENTRAL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0013738 / RAO
Source Type: AST
Release Town: ARLINGTON
Notification Date: 05/08/1996
Category: TWO HR
Associated ID: Not reported
Status Date: 05/01/1998
Phase: PHASE II
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Oil Or Haz Material: Oil

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 15 gallons
Location Type: RESIDNTIAL
Source: AST
Source: PIPE

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/23/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/3/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/1/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/1/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

NO LOCATION AID (Continued) **S102087539**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/14/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 5/27/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 5/27/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/27/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 5/6/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Fee Not Required - Fee Credited-FMCRA Use Only
Action Date: 5/7/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action

NO LOCATION AID (Continued) **S102087539**

Action Status: Oral Approval of Plan or Action
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

INST CONTROL:
Name: NO LOCATION AID
Address: 24 CENTRAL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0013738
Action Type: AUL
Action Stat: RECPT
Action Date: 05/01/1998
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release:
Name: NO LOCATION AID
Address: 24 CENTRAL ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0013738 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 05/08/1996
Category: TWO HR
Status Date: 05/01/1998
Phase: PHASE II
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 1/23/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/3/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S102087539**

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/1/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/1/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/14/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 5/27/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 5/27/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/27/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 5/6/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

NO LOCATION AID (Continued) **S102087539**

been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Fee Not Required - Fee Credited-FMCRA Use Only
Action Date: 5/7/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 5/8/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 15 gallons
Location Type: RESIDNTIAL
Source: AST
Source: PIPE

---

93 South 1/2-1 0.523 mi. 2763 ft.

HOMEOWNER
93 CHURCHILL AVE
ARLINGTON, MA 02476

MA SHWS S107517149
MA LAST N/A
MA RELEASE

Relative: Higher

Actual: 188 ft.

SHWS:
Name: HOMEOWNER
Address: 93 CHURCHILL AVE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0025473
Source Type: FILTER
Release Town: ARLINGTON

HOMEOWNER (Continued) **S107517149**

Notification Date:	12/08/2005
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	09/27/2006
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

LAST:

Name:	HOMEOWNER
Address:	93 CHURCHILL AVE
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0025473 / RAO
Source Type:	AST
Release Town:	ARLINGTON
Notification Date:	12/08/2005
Category:	TWO HR
Associated ID:	Not reported
Status Date:	09/27/2006
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil

Chemicals:

Chemical:	#2 FUEL OIL
Quantity:	70 gallons
Chemical:	#2 FUEL OIL
Quantity:	56 gallons
Location Type:	RESIDNTIAL
Source:	AST
Source:	FILTER

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/27/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	12/11/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	12/21/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/8/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

HOMEOWNER (Continued) **S107517149**

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/8/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/8/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/6/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/6/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/30/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 3/30/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 4/14/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level II - Audit Inspection
Action Date: 6/26/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 6/26/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 7/7/2006

HOMEOWNER (Continued) **S107517149**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/27/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 9/27/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 9/28/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: HOMEOWNER
Address: 93 CHURCHILL AVE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0025473 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 12/08/2005
Category: TWO HR
Status Date: 09/27/2006
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/27/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 12/11/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 12/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

HOMEOWNER (Continued) **S107517149**

reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/8/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/8/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/8/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/6/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/6/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/30/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of a Modified Plan
Action Date: 3/30/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 4/14/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level II - Audit Inspection
Action Date: 6/26/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

HOMEOWNER (Continued) **S107517149**

Action Status: FLDRAN
Action Date: 6/26/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 7/7/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/27/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 9/27/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 9/28/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 70 gallons
Chemical: #2 FUEL OIL
Quantity: 56 gallons
Location Type: RESIDNTIAL
Source: AST
Source: FILTER

94
SSE
1/2-1
0.567 mi.
2995 ft.

42-24-42N 71-09-42W
73 JASON ST
ARLINGTON, MA 02474

MA SHWS **S105914097**
MA LAST **N/A**
MA RELEASE
MA ASBESTOS

Relative: Higher

Actual: 117 ft.

SHWS:
Name: 42-24-42N 71-09-42W
Address: 73 JASON ST
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0022759
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 04/09/2003
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 12/08/2003
Phase: Not reported

42-24-42N 71-09-42W (Continued) **S105914097**

Response Action Outcome: A2
Oil Or Haz Material: Oil

LAST:
Name: LYONS FUEL LOBEL RESIDENCE 42 24 42 N
Address: 73 JASON ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0023276 / RAO
Source Type: AST
Release Town: ARLINGTON
Notification Date: 10/15/2003
Category: TWO HR
Associated ID: Not reported
Status Date: 11/14/2006
Phase: PHASE II
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Chemicals:
Chemical: FUEL OIL
Quantity: 100 gallons
Chemical: #2 FUEL OIL
Quantity: 130 gallons
Location Type: RESIDNTIAL
Source: AST

Actions:
Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 1/13/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/15/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/15/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/22/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 10/22/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

42-24-42N 71-09-42W (Continued) **S105914097**

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	10/22/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	10/22/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	11/14/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/14/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	11/14/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/18/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/23/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/23/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/19/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/23/2005

42-24-42N 71-09-42W (Continued) **S105914097**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/28/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/19/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/19/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: 42-24-42N 71-09-42W
Address: 73 JASON ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0022759 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 04/09/2003
Category: TWO HR
Status Date: 12/08/2003
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 12/16/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 12/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 12/8/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

42-24-42N 71-09-42W (Continued) **S105914097**

reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 4/14/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/28/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/28/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: FLDISS
Action Date: 4/9/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 4/9/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 4/9/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/9/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 4/9/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/11/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

42-24-42N 71-09-42W (Continued) **S105914097**

Action Status: FOLOFF
Action Date: 8/3/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/3/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: FUEL OIL #2
Quantity: 250 gallons
Chemical: FUEL OIL #2
Quantity: 230 gallons
Chemical: TPH
Quantity: 7400 milligrams per kilogram
Location Type: RESIDNTIAL
Source: PIPE

Name: LYONS FUEL LOBEL RESIDENCE 42 24 42 N
Address: 73 JASON ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0023276 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/15/2003
Category: TWO HR
Status Date: 11/14/2006
Phase: PHASE II
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 1/13/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/15/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/15/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

42-24-42N 71-09-42W (Continued) **S105914097**

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/22/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 10/22/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/22/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 10/22/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 11/14/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 11/14/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/14/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/18/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/23/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/23/2003

42-24-42N 71-09-42W (Continued) **S105914097**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/19/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/23/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 2/28/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/19/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/19/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: FUEL OIL
Quantity: 100 gallons
Chemical: #2 FUEL OIL
Quantity: 130 gallons
Location Type: RESIDNTIAL
Source: AST

ASBESTOS:
Name: JOSH LOBEL
Address: 73 JASON STREET
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 08/25/2004
End Date: 08/26/2004
Date Entered: Not reported
Entry Date: 07/28/2004
Quantity Materical Removed SF: .00
Quantity Material Removed LF: 200.00
Project Description: Spr
AR Tracking ID: 42668

42-24-42N 71-09-42W (Continued) **S105914097**

Super Lic Number:	AS032802
Monitor Lic Number:	AM060297
Lab Lic Number:	AA000131
Year:	2004
Sticker Number:	100007363
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7816466690
Sub Town:	Not reported
Worksite:	BASEMENT
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	Week days: 8AM-5PM Week end:
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PACKED IN DOUBLE 6 MIL POLY BAGS LABELED "ASBESTOS".
Facility Usage:	RESIDENTIAL DWELLING
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	JOSH LOBEL
Owner Address:	73 JASON STREET
Owner City:	ARLINGTON, MA
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	SAMUEL J. NIGRO III
Cert Sign Date:	07/28/2004
Certified Company:	DUDLEY SERVICES INC.
Certified Phone:	7816434328
Entered_by:	Not reported
Name:	JOSH LOBEL
Address:	73 JASON ST
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	09/10/2003
End Date:	09/12/2003
Date Entered:	Not reported
Entry Date:	09/03/2003
Quantity Materical Removed SF:	20.00
Quantity Material Removed LF:	40.00

42-24-42N 71-09-42W (Continued) **S105914097**

Project Description:	BOILer,CORR
AR Tracking ID:	30031
Super Lic Number:	AS032802
Monitor Lic Number:	AA000131
Lab Lic Number:	AA000131
Year:	2003
Sticker Number:	770700
Form Type:	ANF-001
Fee Status:	E
Facility Phone:	(781) 646-6690
Sub Town:	Not reported
Worksite:	BSMT
Occupied:	-1
Contractor:	AC000112
Contract Type:	Not reported
Hours:	8A-5P
Project Type:	Renovation
Abatement Process:	Full Containment
Location:	Indoors
Decon Process:	NEG AIR
Disposal Methods:	2 PLY POLY BAG WITH LABEL
Facility Usage:	RESIDENCE
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	-1
Owner Name:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	JOB ROLLOFF INC
Transporter Address:	PO BOX 6037
Transporter City:	CHELSEA
Transporter State:	MA
Final Site:	7
Certified Name:	SAMUEL J NIGRO
Cert Sign Date:	08/28/2003
Certified Company:	Not reported
Certified Phone:	(781) 643-4328
Entered_by:	fuminski

R95 **BUZZELL FIELD** **MA SHWS** **S108962722**
ESE **SUMMER ST** **MA INST CONTROL** **N/A**
1/2-1 **ARLINGTON, MA 02476** **MA RELEASE**
0.586 mi.
3096 ft. **Site 1 of 2 in cluster R**

Relative: SHWS:
Lower

Name:	BUZZELL FIELD
Address:	SUMMER ST
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0027220

Actual:
39 ft.

BUZZELL FIELD (Continued) **S108962722**

Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 10/30/2007
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 09/19/2013
Phase: PHASE IV
Response Action Outcome: PA
Oil Or Haz Material: Oil and Hazardous Material

INST CONTROL:
Name: BUZZELL FIELD
Address: SUMMER ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number: 3-0027220
Action Type: AUL
Action Stat: FEEREC
Action Date: 06/24/2016
Response Action Outcome: PA - PA

Name: BUZZELL FIELD
Address: SUMMER ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number: 3-0027220
Action Type: AUL
Action Stat: LEGNOT
Action Date: 06/23/2016
Response Action Outcome: PA - PA

Name: BUZZELL FIELD
Address: SUMMER ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number: 3-0027220
Action Type: AUL
Action Stat: RECPT
Action Date: 06/23/2016
Response Action Outcome: PA - PA

Name: BUZZELL FIELD
Address: SUMMER ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number: 3-0027220
Action Type: AUL
Action Stat: SNAUDI
Action Date: 05/20/2019
Response Action Outcome: PA - PA

Name: BUZZELL FIELD
Address: SUMMER ST
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number: 3-0027220
Action Type: AUL
Action Stat: TSAUD
Action Date: 04/18/2019
Response Action Outcome: PA - PA

BUZZELL FIELD (Continued) **S108962722**

Release:

Name:	BUZZELL FIELD
Address:	SUMMER ST
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0027220 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/30/2007
Category:	120 DY
Status Date:	09/19/2013
Phase:	PHASE IV
Response Action Outcome:	PA - PA
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	PSAREV
Action Date:	1/26/2017
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	10/2/2009
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	10/3/2011
Response Action Outcome:	PA
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	10/3/2011
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	10/30/2007
Response Action Outcome:	PA
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/30/2007
Response Action Outcome:	PA
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/30/2007
Response Action Outcome:	PA
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	11/15/2007
Response Action Outcome:	PA

BUZZELL FIELD (Continued) **S108962722**

Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	12/3/2007
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	3/23/2009
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	3/28/2011
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Modified Revised or Updated Plan Received
Action Date:	3/5/2008
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	3/5/2008
Response Action Outcome:	PA
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	3/6/2014
Response Action Outcome:	PA
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	3/9/2018
Response Action Outcome:	PA
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	4/12/2010
Response Action Outcome:	PA
Action Type:	Activity and Use Limitation
Action Status:	Level I - Technical Screen Audit
Action Date:	4/18/2019
Response Action Outcome:	PA
Action Type:	RLFA
Action Status:	FLDD1U
Action Date:	4/24/2019
Response Action Outcome:	PA
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	4/4/2016
Response Action Outcome:	PA
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD

BUZZELL FIELD (Continued) **S108962722**

Action Date: 5/20/2019
Response Action Outcome: PA

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 5/20/2019
Response Action Outcome: PA

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 6/23/2016
Response Action Outcome: PA

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/23/2016
Response Action Outcome: PA

Action Type: Activity and Use Limitation
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/24/2016
Response Action Outcome: PA

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 8/12/2008
Response Action Outcome: PA

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 8/6/2013
Response Action Outcome: PA

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 9/12/2008
Response Action Outcome: PA

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/12/2008
Response Action Outcome: PA

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 9/12/2008
Response Action Outcome: PA

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/12/2008
Response Action Outcome: PA

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 9/12/2008
Response Action Outcome: PA

BUZZELL FIELD (Continued) **S108962722**

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/19/2013
Response Action Outcome: PA

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 9/21/2010
Response Action Outcome: PA

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 9/21/2010
Response Action Outcome: PA

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/21/2010
Response Action Outcome: PA

Chemicals:
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 5270 milligrams per kilogram
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity: 2910 milligrams per kilogram
Chemical: 2-METHYLNAPHTHALENE
Quantity: 12 milligrams per kilogram
Chemical: NICKEL
Quantity: 49 milligrams per kilogram
Chemical: NAPHTHALENE
Quantity: 12 milligrams per kilogram
Chemical: 1,4-DICHLOROBENZENE
Quantity: 1.2 milligrams per kilogram
Chemical: ARSENIC
Quantity: 26 milligrams per kilogram
Chemical: LEAD
Quantity: 810 milligrams per kilogram
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 5600 milligrams per kilogram
Source: UNKNOWN

96
North
1/2-1
0.589 mi.
3111 ft.

STRATTON ELEMENTARY SCHOOL
180 MOUNTAIN AVE
ARLINGTON, MA 02474

MA SHWS **S104482489**
MA INST CONTROL **N/A**
MA RELEASE
MA ASBESTOS
MA ENF

Relative:
Higher

Actual:
267 ft.

SHWS:
Name: NO LOCATION AID
Address: 180 MOUNTAIN AVE
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0019131
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 01/03/2000
Category: TWO HR
Associated ID: Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Current Status: RAO
Status Date: 01/17/2006
Phase: PHASE IV
Response Action Outcome: A3
Oil Or Haz Material: Oil

INST CONTROL:
Name: NO LOCATION AID
Address: 180 MOUNTAIN AVE
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0019131
Action Type: AUL
Action Stat: LEGNOT
Action Date: 10/15/2012
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Name: NO LOCATION AID
Address: 180 MOUNTAIN AVE
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0019131
Action Type: AUL
Action Stat: RECPT
Action Date: 10/04/2012
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Name: NO LOCATION AID
Address: 180 MOUNTAIN AVE
City,State,Zip: ARLINGTON, MA
Release Tracking Number: 3-0019131
Action Type: AUL
Action Stat: SNAUDI
Action Date: 07/09/2015
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release:
Name: NO LOCATION AID
Address: 180 MOUNTAIN AVE
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0019131 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 01/03/2000
Category: TWO HR
Status Date: 01/17/2006
Phase: PHASE IV
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Oil / Haz Material Type: Oil

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/10/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/10/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	1/10/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	1/10/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	1/10/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/10/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/17/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/20/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/3/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action - DEP Lead
Action Status: Work Started
Action Date: 1/3/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 1/31/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 1/6/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 10/15/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 10/4/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/4/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 2/1/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 3/28/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 3/9/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/9/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 6/8/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 7/11/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 7/21/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 7/21/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 7/9/2015
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Action Status: Notice of Non-Compliance Issued
Action Date: 8/14/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 8/25/2015
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 9/28/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 9/9/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:
Chemical: FUEL OIL #4
Quantity: 11 gallons
Chemical: OIL
Quantity: Not reported
Location Type: COMMERCIAL
Source: UNKNOWN

ASBESTOS:
Name: STRATTON SCHOOL
Address: 180 MOUNTAIN AVE.
City,State,Zip: ARLINGTON, MA
Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 02/21/2007
End Date: 02/22/2007
Date Entered: Not reported
Entry Date: 02/08/2007
Quantity Materical Removed SF: 30.00
Quantity Material Removed LF: 20.00
Project Description: Blr,Spr,Trns
AR Tracking ID: 79258
Super Lic Number: AS032802
Monitor Lic Number: AM060297
Lab Lic Number: AA000131
Year: 2007
Sticker Number: 100051100
Form Type: ANF-001

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Fee Status:	Exempt
Facility Phone:	7813763170
Sub Town:	Not reported
Worksite:	BASEMENT/BOILER ROOM
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	Week days: 8AM 5PM Week end: NA
Project Type:	Rpr
Abatement Process:	Glv,Clnp,Encp
Location:	Indoors
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PACKED IN DOUBLE 6 MIL POLY BAGS LABELED "ASBESTOS"
Facility Usage:	EDUCATIONAL FACILITY/SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASSACHUSETTS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	SAMUEL J. NIGRO
Cert Sign Date:	02/08/2007
Certified Company:	DUDLEY SERVICES INC
Certified Phone:	7816434328
Entered_by:	Not reported
Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVENUE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	07/06/2010
End Date:	07/23/2010
Date Entered:	Not reported
Entry Date:	06/23/2010
Quantity Materical Removed SF:	1130.00
Quantity Material Removed LF:	2064.00
Project Description:	Spr,Insl,Trns
AR Tracking ID:	128198
Super Lic Number:	AS052665
Monitor Lic Number:	AA000135
Lab Lic Number:	AA000135
Year:	2010

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Sticker Number:	100108441
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7813163760
Sub Town:	Not reported
Worksite:	STRATTON SCHOOL
Occupied:	0
Contractor:	AC000631
Contract Type:	WRITTEN
Hours:	Week days: 7AM-4PM Week end:
Project Type:	Renv
Abatement Process:	Glv,CAULKING/SEALANT
Location:	Indoors
Decon Process:	TWO STAGE DECONTAMINATION UNIT
Disposal Methods:	WET METHODS LABEL DOUBLE BAG
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	TOWN OF ARLINGTON
Owner Address:	730 MASSACHUSETTS AVENUE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	EMILLIO LICCIARDI
On Site Manager Phone:	781-316-3760
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	5000
Transporter Name:	NG ENVIRONMENTAL
Transporter Address:	49 BLANCHARD STREET
Transporter City:	LAWRENCE
Transporter State:	Not reported
Final Site:	39
Certified Name:	STEVEN BUCKNAM
Cert Sign Date:	06/23/2010
Certified Company:	NG
Certified Phone:	9787947922
Entered_by:	Not reported
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVENUE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	06/24/2011
End Date:	08/24/2011
Date Entered:	Not reported
Entry Date:	06/10/2011
Quantity Materical Removed SF:	1900.00
Quantity Material Removed LF:	.00
Project Description:	Trns,WINDOWS
AR Tracking ID:	143214
Super Lic Number:	AS000999
Monitor Lic Number:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Lab Lic Number:	Not reported
Year:	2011
Sticker Number:	100128071
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7813163760
Sub Town:	Not reported
Worksite:	MAIN BUILDING
Occupied:	0
Contractor:	AC000328
Contract Type:	WRITTEN
Hours:	Week days: 7AM-11PM Week end: 7AM-11PM
Project Type:	Dem,Renv
Abatement Process:	Glv,Fcontain
Location:	Indoors
Decon Process:	WET METHODS
Disposal Methods:	WETTED MATERIAL WILL BE CONTAINED IN 6 MIL ASBESTOS BAGS/OR LINED SEALANT
Facility Usage:	EDUCATIONAL INSTITUTION
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	ARLINGTON PUBLIC SCHOOLS
Owner Address:	869 MASSACHUSETTS AVENUE
Owner City:	ARLINGTON, MA
Owner State:	MA
On Site Manager Name:	KTHLEEN BODIE
On Site Manager Phone:	781-316-3501
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	R.M. TECHNOLOGIES, INC.
Transporter Address:	300 CANAL STREET
Transporter City:	LAWRENCE, MA
Transporter State:	Not reported
Final Site:	39
Certified Name:	ALEXANDRA SANTOS
Cert Sign Date:	06/10/2011
Certified Company:	R.M. TECHNOLOGIES
Certified Phone:	9787940006
Entered_by:	Not reported
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	10/10/2016
End Date:	10/14/2016
Date Entered:	Not reported
Entry Date:	09/29/2016
Quantity Materical Removed SF:	10.00
Quantity Material Removed LF:	6.00
Project Description:	OTHER FLR TILE FITTINGS

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

AR Tracking ID:	249603
Super Lic Number:	AS040141
Monitor Lic Number:	AM040493
Lab Lic Number:	AA000191
Year:	2016
Sticker Number:	100251902
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163754
Sub Town:	Not reported
Worksite:	THROUGHOUT
Occupied:	-1
Contractor:	AC000356
Contract Type:	WRITTEN
Hours:	8AM-4PM
Project Type:	Renv
Abatement Process:	Fcontain
Location:	INDOORS
Decon Process:	3 STAGE DECON; CLEAN ROOM, SHOWER ROOM AND DIRTY ROOM
Disposal Methods:	DOUBLE 6ML POLY BAGS
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASSACHUSETTS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN ALWARD
On Site Manager Phone:	7818499093
Ins Comp:	TRAVELERS
Policy Number:	0703N229
EXP Date:	7/1/2017
Facility Size:	62000
Transporter Name:	FRANKLIN ANALYTICAL SERVICES
Transporter Address:	312 HILLMAN ST
Transporter City:	NEW BEDFORD
Transporter State:	MA
Final Site:	Not reported
Certified Name:	AMY FRANKLIN
Cert Sign Date:	09/29/2016
Certified Company:	FRANKLIN ANALYTICAL
Certified Phone:	5087483156
Entered_by:	RAEDYL
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVE.
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	07/14/2014
End Date:	07/28/2014
Date Entered:	Not reported
Entry Date:	06/30/2014
Quantity Materical Removed SF:	15000.00

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	192311
Super Lic Number:	AS001587
Monitor Lic Number:	AM051114
Lab Lic Number:	Not reported
Year:	2014
Sticker Number:	100202497
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163003
Sub Town:	Not reported
Worksite:	THROUGHOUT
Occupied:	-1
Contractor:	AC000669
Contract Type:	WRITTEN
Hours:	7AM-5PM
Project Type:	Renv
Abatement Process:	Fcontain
Location:	INDOORS
Decon Process:	3 CHAMBER DECON
Disposal Methods:	WET REMOVAL,DOUBLE BAG,FIBER DRUMS
Facility Usage:	EDUCATIONAL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	730 MASSACHUSETTS AVENUE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DOMENIC LANZILLOTTI
On Site Manager Phone:	7813163003
Ins Comp:	HARTFORD
Policy Number:	0668N99
EXP Date:	6/23/2015
Facility Size:	47000
Transporter Name:	J.O.B. ROLLOFF, INC.
Transporter Address:	PO BOX 6037
Transporter City:	CHELSEA
Transporter State:	MA
Final Site:	Not reported
Certified Name:	RAMON TEJADA
Cert Sign Date:	06/30/2014
Certified Company:	PREMIER ABATEMENT
Certified Phone:	9782087163
Entered_by:	RTEJADA
Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVENUE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	08/28/2010
End Date:	08/31/2010
Date Entered:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Entry Date:	08/27/2010
Quantity Materical Removed SF:	375.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	131157
Super Lic Number:	AS052665
Monitor Lic Number:	AM041868
Lab Lic Number:	AA000198
Year:	2010
Sticker Number:	100112275
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7813163631
Sub Town:	Not reported
Worksite:	SCHOOL
Occupied:	0
Contractor:	AC000631
Contract Type:	Off
Hours:	Week days: 7/4 Week end: 7/4
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	3 CHAMBERS DECONTAMINATION SYSTEM
Disposal Methods:	DOUBLE BAG SEALED AND LABELED
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	1008895
DLWD Waiver Number:	1008895
Small Owner Occ:	5
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASS AVENUE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	MARK MIANO
On Site Manager Phone:	781-316-3631
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	10000
Transporter Name:	NG ENVIRONMENTAL CONTRACTORS, LLC
Transporter Address:	49 BLANCHARD ST
Transporter City:	LAWRENCE, MA
Transporter State:	Not reported
Final Site:	39
Certified Name:	NOLBERTO GALICIA
Cert Sign Date:	08/27/2010
Certified Company:	NG ENVIRONMENTAL C
Certified Phone:	9787947922
Entered_by:	Not reported
Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVENUE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	09/07/2010

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

End Date:	09/10/2010
Date Entered:	Not reported
Entry Date:	08/26/2010
Quantity Materical Removed SF:	375.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	131069
Super Lic Number:	AS052665
Monitor Lic Number:	AM041868
Lab Lic Number:	AA000198
Year:	2010
Sticker Number:	100112152
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7813163631
Sub Town:	Not reported
Worksite:	SCHOOL
Occupied:	0
Contractor:	AC000631
Contract Type:	Off
Hours:	Week days: 7/4 Week end: N/A
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	3 CHAMBERS DECONTAMINATION SYSTEM
Disposal Methods:	DOUBLE BAG SEALED AND LABELED
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	MARK MIANO
On Site Manager Phone:	781-316-3631
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	10000
Transporter Name:	NG ENVIRONMENTAL CONTRACTORS, LLC
Transporter Address:	49 BLANCHARD ST
Transporter City:	LAWRENCE, MA
Transporter State:	Not reported
Final Site:	39
Certified Name:	NOLBERTO GALICIA
Cert Sign Date:	08/26/2010
Certified Company:	NG ENVIRONMENTAL C
Certified Phone:	9787947922
Entered_by:	Not reported
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA 02474
Notification:	100248377R1
DEP Region:	NE

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Notifiers Name:	FRANKLIN ANALYTICAL SERVICES
Start Date:	08/12/2016
End Date:	09/09/2016
Date Entered:	24/08/2016
Entry Date:	08/24/2016
Quantity Materical Removed SF:	460
Quantity Material Removed LF:	300
Project Description:	BOILER PIPEINSUL OTHER WINDOW GLAZING
AR Tracking ID:	Not reported
Super Lic Number:	Not reported
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2016
Sticker Number:	Not reported
Form Type:	Not reported
Fee Status:	Not reported
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	Not reported
Occupied:	Not reported
Contractor:	Not reported
Contract Type:	Not reported
Hours:	Not reported
Project Type:	Not reported
Abatement Process:	Not reported
Location:	Not reported
Decon Process:	Not reported
Disposal Methods:	Not reported
Facility Usage:	Not reported
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	Not reported
Certified Name:	Not reported
Cert Sign Date:	Not reported
Certified Company:	Not reported
Certified Phone:	Not reported
Entered_by:	Not reported
Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVENUE
City,State,Zip:	ARLINGTON, MA

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	07/28/2010
End Date:	08/07/2010
Date Entered:	Not reported
Entry Date:	07/15/2010
Quantity Materical Removed SF:	1100.00
Quantity Material Removed LF:	2025.00
Project Description:	Trns
AR Tracking ID:	129195
Super Lic Number:	AS052665
Monitor Lic Number:	AM041868
Lab Lic Number:	AA000198
Year:	2010
Sticker Number:	100109780
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7813163631
Sub Town:	Not reported
Worksite:	STRATTON SCHOOL
Occupied:	0
Contractor:	AC000631
Contract Type:	Off
Hours:	Week days: 7AM-4PM Week end:
Project Type:	Renv
Abatement Process:	CAULKING/ROOFING
Location:	Not reported
Decon Process:	TWO STAGE DECONTAMINATION UNIT
Disposal Methods:	WET METHODS LABEL DOUBLE BAG
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	MARK MIANO
On Site Manager Phone:	781-316-3631
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	10000
Transporter Name:	NG ENVIRONMENTAL
Transporter Address:	49 BLANCHARD STREET
Transporter City:	LAWRENCE
Transporter State:	Not reported
Final Site:	39
Certified Name:	STEVEN BUCKNAM
Cert Sign Date:	07/15/2010
Certified Company:	NG
Certified Phone:	9787947922
Entered_by:	Not reported

Name:	TOWN ARLINGTON

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	07/13/2016
End Date:	07/18/2016
Date Entered:	Not reported
Entry Date:	06/30/2016
Quantity Materical Removed SF:	.00
Quantity Material Removed LF:	800.00
Project Description:	OTHER ROOF FLASHING
AR Tracking ID:	242536
Super Lic Number:	AS032238
Monitor Lic Number:	AA000144
Lab Lic Number:	AA000144
Year:	2016
Sticker Number:	100246380
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7818499093
Sub Town:	Not reported
Worksite:	ROOF
Occupied:	-1
Contractor:	AC000717
Contract Type:	WRITTEN
Hours:	7AM-3:30PM
Project Type:	Repr
Abatement Process:	Fcontain
Location:	OUTDOORS
Decon Process:	3 CHAMBER DECON
Disposal Methods:	ALL MATERIALS TO BE WET AND DOUBLE BAG
Facility Usage:	HIGH SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	180 MOUNTAIN AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN AYLWARD
On Site Manager Phone:	7818499093
Ins Comp:	N/A
Policy Number:	N/A
EXP Date:	10/31/2016
Facility Size:	40000
Transporter Name:	THE AULSON COMPANY LLC
Transporter Address:	49 DANTON DRIVE SUITE 201
Transporter City:	METHUEN
Transporter State:	MA
Final Site:	Not reported
Certified Name:	BRIAN S. WALSH
Cert Sign Date:	06/30/2016
Certified Company:	THE AULSON COMPANY LLC
Certified Phone:	9786889100
Entered_by:	EVERYONE

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Name:	STRATTFORD SCHOOL
Address:	180 MOUNTAIN AVE.
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	04/20/2007
End Date:	04/20/2007
Date Entered:	Not reported
Entry Date:	04/19/2007
Quantity Materical Removed SF:	250.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	81966
Super Lic Number:	AS041152
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2007
Sticker Number:	100054313
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	STRATTFORD SCHOOL
Occupied:	-1
Contractor:	AC000601
Contract Type:	Off
Hours:	Week days: 7-5 Week end: 0
Project Type:	Renv
Abatement Process:	FLOOR TILE PREP
Location:	Indoors
Decon Process:	NEG. AIR APPROPRIATE
Disposal Methods:	DOUBLE 6MIL POLY BAG
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	07-04-939
DLWD Waiver Number:	07-162-NB
Small Owner Occ:	5
Owner Name:	ARLINGTON SCHOOL DEPT.
Owner Address:	869 MASS. AVE.
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	NA
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	40000
Transporter Name:	A-D&T
Transporter Address:	7 DOVER
Transporter City:	WALPOLE
Transporter State:	Not reported
Final Site:	39
Certified Name:	TED CASE
Cert Sign Date:	04/19/2007
Certified Company:	A-D&T
Certified Phone:	5088509713

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Entered_by:	Not reported
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVE.
City,State,Zip:	ARLINGTON, MA 02476
Notification:	100202497R1
DEP Region:	NE
Notifiers Name:	PREMIER ABATEMENT&LABOR SERVICES
Start Date:	07/14/2014
End Date:	08/04/2014
Date Entered:	28/07/2014
Entry Date:	07/28/2014
Quantity Materical Removed SF:	15000
Quantity Material Removed LF:	0
Project Description:	Trns
AR Tracking ID:	Not reported
Super Lic Number:	Not reported
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2014
Sticker Number:	Not reported
Form Type:	Not reported
Fee Status:	Not reported
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	Not reported
Occupied:	Not reported
Contractor:	Not reported
Contract Type:	Not reported
Hours:	Not reported
Project Type:	Not reported
Abatement Process:	Not reported
Location:	Not reported
Decon Process:	Not reported
Disposal Methods:	Not reported
Facility Usage:	Not reported
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	Not reported
Certified Name:	Not reported
Cert Sign Date:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Certified Company:	Not reported
Certified Phone:	Not reported
Entered_by:	Not reported
Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	06/29/2011
End Date:	07/20/2011
Date Entered:	Not reported
Entry Date:	06/28/2011
Quantity Materical Removed SF:	108.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	144085
Super Lic Number:	AS000630
Monitor Lic Number:	AM060297
Lab Lic Number:	AA000131
Year:	2011
Sticker Number:	100129349
Form Type:	ANF-001
Fee Status:	Fifty
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	INTERIOR
Occupied:	-1
Contractor:	AC000745
Contract Type:	WRITTEN
Hours:	Week days: 7-3 Week end: 7-3
Project Type:	Dem,Renv
Abatement Process:	Glv,Fcontain
Location:	Indoors
Decon Process:	FULL CONTAINMENT, GLOVE BAG
Disposal Methods:	ALL ACM HANDLED WET, DOUBLE BAGGED, LABELED, AND DISPOSED IN EPA LANDFILL
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	1106908
DLWD Waiver Number:	162-2011
Small Owner Occ:	5
Owner Name:	STRATTON SCHOOL
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	CLEAN AIR ENVIRONMENTAL, INC
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Final Site:	39
Certified Name:	KEVIN GOHEEN
Cert Sign Date:	06/28/2011
Certified Company:	Not reported
Certified Phone:	Not reported
Entered_by:	Not reported
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	06/29/2016
End Date:	07/29/2016
Date Entered:	Not reported
Entry Date:	04/29/2016
Quantity Materical Removed SF:	8825.00
Quantity Material Removed LF:	60.00
Project Description:	BOILER OTHER TILE MSTC CLKNG INSLTN
AR Tracking ID:	237309
Super Lic Number:	AS040141
Monitor Lic Number:	AM040493
Lab Lic Number:	AA000191
Year:	2016
Sticker Number:	100241959
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163754
Sub Town:	Not reported
Worksite:	THROUGHOUT
Occupied:	0
Contractor:	AC000356
Contract Type:	WRITTEN
Hours:	8AM-4PM
Project Type:	Renv
Abatement Process:	Fcontain
Location:	INDOORS
Decon Process:	3 STAGE DECONTAMINATION SYSTEM; CLEAN ROOM, SHOWER ROOM AND DIRTY ROOM
Disposal Methods:	DOUBLE 6ML POLY BAGS
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASSACHUSETTS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN ALWARD
On Site Manager Phone:	7818499093
Ins Comp:	TRAVELERS
Policy Number:	0703N229
EXP Date:	7/1/2016
Facility Size:	62000
Transporter Name:	FRANKLIN ANALYTICAL SERVICES
Transporter Address:	312 HILLMAN ST

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Transporter City:	NEW BEDFORD
Transporter State:	MA
Final Site:	Not reported
Certified Name:	AMY FRANKLIN
Cert Sign Date:	04/29/2016
Certified Company:	FRANKLIN ANALYTICAL
Certified Phone:	5087483156
Entered_by:	RAEDYL
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	08/12/2016
End Date:	08/31/2016
Date Entered:	Not reported
Entry Date:	08/02/2016
Quantity Materical Removed SF:	460.00
Quantity Material Removed LF:	300.00
Project Description:	BOILER PIPEINSUL OTHER WINDOW GLAZING
AR Tracking ID:	245186
Super Lic Number:	AS040141
Monitor Lic Number:	AM040493
Lab Lic Number:	AA000191
Year:	2016
Sticker Number:	100248377
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	7813163754
Sub Town:	Not reported
Worksite:	THROUGHOUT
Occupied:	0
Contractor:	AC000356
Contract Type:	WRITTEN
Hours:	8AM-4PM
Project Type:	Renv
Abatement Process:	Fcontain
Location:	INDOORS
Decon Process:	3 STAGE DECONTAMINATION SYSTEM; CLEAN ROOM, SHOWER ROOM AND DIRTY ROOM
Disposal Methods:	DOUBLE 6ML POLY BAGS
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASSACHUSETTS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	DAN ALWARD
On Site Manager Phone:	7818499093
Ins Comp:	TRAVELERS
Policy Number:	0703N229
EXP Date:	7/1/2017
Facility Size:	62000

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Transporter Name:	FRANKLIN ANALYTICAL SERVICES
Transporter Address:	312 HILLMAN ST
Transporter City:	NEW BEDFORD
Transporter State:	MA
Final Site:	Not reported
Certified Name:	AMY FRANKLIN
Cert Sign Date:	08/02/2016
Certified Company:	FRANKLIN ANALYTICAL
Certified Phone:	5087483156
Entered_by:	RAEDYL

Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVE.
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	08/10/2005
End Date:	08/15/2005
Date Entered:	Not reported
Entry Date:	07/28/2005
Quantity Materical Removed SF:	2050.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	56756
Super Lic Number:	AS053245
Monitor Lic Number:	AA000179
Lab Lic Number:	AA000179
Year:	2005
Sticker Number:	100020580
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	K-12, RM 24
Occupied:	-1
Contractor:	AC000385
Contract Type:	WRITTEN
Hours:	Week days: 7AM-4PM Week end:
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	THREE CHAMBERS W/SHOWER
Disposal Methods:	DOUBLE 6ML POLY BAGS
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASS AVE.
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	JOHN FLOOD
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

EXP Date:	Not reported
Facility Size:	30000
Transporter Name:	EAGLE ENVIRONMENTAL CONTRACTORS, INC.
Transporter Address:	PO BOX 2256
Transporter City:	WESTFORD
Transporter State:	Not reported
Final Site:	41
Certified Name:	NIALL MCGUIRE
Cert Sign Date:	07/28/2005
Certified Company:	EAGLE ENVIRONMENTAL
Certified Phone:	9786920002
Entered_by:	Not reported
Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	07/30/2007
End Date:	08/04/2007
Date Entered:	Not reported
Entry Date:	07/12/2007
Quantity Materical Removed SF:	3225.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	85655
Super Lic Number:	AS030223
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2007
Sticker Number:	100058249
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7813163760
Sub Town:	Not reported
Worksite:	KITCHEN, CAFE, CONFER
Occupied:	0
Contractor:	AC000669
Contract Type:	WRITTEN
Hours:	Week days: 7 AM - 5PM Week end: 7 AM-5PM
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	3 CHAMBER DECON
Disposal Methods:	FIBER DRUMS
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	MARK MIANO
On Site Manager Phone:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	PREMIER ABATEMENT INC
Transporter Address:	10 FALCON ST
Transporter City:	METHUEN
Transporter State:	Not reported
Final Site:	39
Certified Name:	RAMON TEJADA
Cert Sign Date:	07/12/2007
Certified Company:	PREMIER ABATEMENT
Certified Phone:	9782087138
Entered_by:	Not reported
Name:	STRATTON ELEMENTARY SCHOOL
Address:	180 MOUNTAIN AVENUE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	04/18/2011
End Date:	05/18/2011
Date Entered:	Not reported
Entry Date:	04/01/2011
Quantity Materical Removed SF:	.00
Quantity Material Removed LF:	250.00
Project Description:	Other:
AR Tracking ID:	139726
Super Lic Number:	AS000999
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2011
Sticker Number:	100123122
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	7813163760
Sub Town:	Not reported
Worksite:	BLDG.1960&1966 TUNNEL
Occupied:	0
Contractor:	AC000328
Contract Type:	WRITTEN
Hours:	Week days: 7AM-11PM Week end: 7AM-11PM
Project Type:	Dem,Renv
Abatement Process:	Glv,Fcontain
Location:	Indoors
Decon Process:	WET METHODS
Disposal Methods:	WETTED MATERIAL WILL BE CONTAINED IN 6MIL ASBESTOS BAGS&/OR LINED SEALANT
Facility Usage:	EDUCATIONAL INSTITUTION
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	ARLINGTON PUBLIC SCHOOLS
Owner Address:	869 MASSACHUSETTS AVENUE
Owner City:	ARLINGTON, MA

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Owner State:	MA
On Site Manager Name:	KATHLEEN BODIE
On Site Manager Phone:	781-316-3501
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	R.M. TECHNOLOGIES, INC.
Transporter Address:	300 CANAL STREET
Transporter City:	LAWRENCE, MA
Transporter State:	Not reported
Final Site:	39
Certified Name:	ALEXANDRA SANTOS
Cert Sign Date:	03/28/2011
Certified Company:	R.M. TECHNOLOGIES
Certified Phone:	9787940006
Entered_by:	Not reported
Name:	TOWN OF ARLINGTON- STRATTON SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	02/19/2015
End Date:	02/20/2015
Date Entered:	Not reported
Entry Date:	02/17/2015
Quantity Materical Removed SF:	90.00
Quantity Material Removed LF:	20.00
Project Description:	,Spr,Trns
AR Tracking ID:	207201
Super Lic Number:	AS032802
Monitor Lic Number:	AA000131
Lab Lic Number:	AA000131
Year:	2015
Sticker Number:	100215363
Form Type:	ANF-001
Fee Status:	EXEMPT
Facility Phone:	0000000000
Sub Town:	Not reported
Worksite:	RM K-3 CLOSET AREA
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	8AM-5PM
Project Type:	Renv
Abatement Process:	Fcontain
Location:	INDOORS
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PROPERLY SEALED IN SIX MIL POLY BAGS PLACARDED FOR ASBESTOS
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	N-AW-15-02-007
DLWD Waiver Number:	11967-2015
Small Owner Occ:	-1

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Owner Name:	SAME
Owner Address:	SAME
Owner City:	N/A
Owner State:	MA
On Site Manager Name:	N/A
On Site Manager Phone:	0000000000
Ins Comp:	AIM MUTUAL
Policy Number:	7026686
EXP Date:	7/9/2015
Facility Size:	0
Transporter Name:	DUDLEY SERVICES INC.
Transporter Address:	1 GARFIELD CIRCLE
Transporter City:	BURLINGTON
Transporter State:	MA
Final Site:	Not reported
Certified Name:	SAMUEL NIGRO
Cert Sign Date:	02/17/2015
Certified Company:	DUDLEY SERVICES INC.
Certified Phone:	7812702650
Entered_by:	DUDLEYSERVICES

Name:	STRATTON ELEMENTARY SCH
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	07/12/2004
End Date:	07/16/2004
Date Entered:	Not reported
Entry Date:	06/30/2004
Quantity Materical Removed SF:	6600.00
Quantity Material Removed LF:	Not reported
Project Description:	VAT FLR TILE
AR Tracking ID:	41577
Super Lic Number:	AS053522
Monitor Lic Number:	AM060787
Lab Lic Number:	AA000128
Year:	2004
Sticker Number:	776160
Form Type:	ANF-001
Fee Status:	E
Facility Phone:	(781) 316-2623
Sub Town:	Not reported
Worksite:	FIRST FL, BASEMENT
Occupied:	Not reported
Contractor:	AC000309
Contract Type:	Not reported
Hours:	7A-330P
Project Type:	Not reported
Abatement Process:	Not reported
Location:	Not reported
Decon Process:	AS REQUIRED
Disposal Methods:	WET 2 PLY POLY BAG
Facility Usage:	Not reported
Waiver Given:	Not reported
DEP Waiver Number:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

DLWD Waiver Number:	Not reported
Small Owner Occ:	Not reported
Owner Name:	TOWN OF ARLINGTON
Owner Address:	869 MASS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	JOB ROLLOFF INC
Transporter Address:	PO BOX 6037
Transporter City:	CHELSEA
Transporter State:	MA
Final Site:	18
Certified Name:	ALLEN YOUNG/JAMES WEBB
Cert Sign Date:	06/28/2004
Certified Company:	Not reported
Certified Phone:	Not reported
Entered_by:	MMitchell

Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	08/29/2011
End Date:	08/29/2011
Date Entered:	Not reported
Entry Date:	08/25/2011
Quantity Materical Removed SF:	100.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	146896
Super Lic Number:	AS032802
Monitor Lic Number:	AM060297
Lab Lic Number:	AA000131
Year:	2011
Sticker Number:	100133031
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	L STORAGE ROOM
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	Week days: 8AM-5PM Week end:
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PROPERLY SEALED IN SIX MIL POLY BAGS PLACARDED FOR ASBESTOS

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	110881
DLWD Waiver Number:	866-2011
Small Owner Occ:	4
Owner Name:	SAME
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	SAM NIGRO
Cert Sign Date:	08/25/2011
Certified Company:	DUDLEY SERVICES INC.
Certified Phone:	Not reported
Entered_by:	Not reported

Name:	STRATTON SCHOOL
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	12/31/2003
End Date:	12/31/2003
Date Entered:	Not reported
Entry Date:	12/16/2003
Quantity Materical Removed SF:	40.00
Quantity Material Removed LF:	Not reported
Project Description:	Boiler Coatings
AR Tracking ID:	34614
Super Lic Number:	AS032802
Monitor Lic Number:	AA000131
Lab Lic Number:	AA000131
Year:	2003
Sticker Number:	773966
Form Type:	ANF-001
Fee Status:	E
Facility Phone:	(781) 316-3623
Sub Town:	Not reported
Worksite:	BOILER RM
Occupied:	-1
Contractor:	AC000112
Contract Type:	Not reported
Hours:	Not reported
Project Type:	Not reported
Abatement Process:	Not reported
Location:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Decon Process:	AS REQUIRED
Disposal Methods:	WET 2 PLY POLY BAG
Facility Usage:	Not reported
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	Not reported
Owner Name:	TOWN OF ARLINGTON
Owner Address:	730 MASS AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	JOB ROLLOFF INC
Transporter Address:	PO BOX 6037
Transporter City:	CHELSEA
Transporter State:	MA
Final Site:	18
Certified Name:	SAMUEL J NIGRO III
Cert Sign Date:	12/15/2003
Certified Company:	Not reported
Certified Phone:	Not reported
Entered_by:	MMitchell

Name:	TOWN OF ARLINGTON
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	08/23/2010
End Date:	08/24/2010
Date Entered:	Not reported
Entry Date:	08/04/2010
Quantity Materical Removed SF:	650.00
Quantity Material Removed LF:	.00
Project Description:	Trns
AR Tracking ID:	130044
Super Lic Number:	AS032802
Monitor Lic Number:	AM060297
Lab Lic Number:	AA000131
Year:	2010
Sticker Number:	100110855
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	RM-K2
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	Week days: 8AM-5PM Week end:
Project Type:	Renv

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PROPERLY SEALED IN SIX MIL POLY BAGS PLACARDED FOR ASBESTOS
Facility Usage:	SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	SAME
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	SAM NIGRO
Cert Sign Date:	08/04/2010
Certified Company:	DUDLEY SERVICES INC.
Certified Phone:	Not reported
Entered_by:	Not reported

ENFORCEMENT:

Name:	ARLINGTON, TOWN OF
Address:	180 MOUNTAIN AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0019131
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	08/14/2012
ENF #:	NON-NE-12-3A024
Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported

STRATTON ELEMENTARY SCHOOL (Continued) **S104482489**

SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Municipally Owned

97
East
1/2-1
0.608 mi.
3208 ft.

ROADWAY
FARRINGTON ST
ARLINGTON, MA 02474

MA SHWS **S106775777**
MA RELEASE **N/A**

Relative:
Lower

Actual:
52 ft.

SHWS:

Name:	ROADWAY
Address:	FARRINGTON ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0024297
Source Type:	PIPE
Release Town:	ARLINGTON
Notification Date:	10/04/2004
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	09/12/2005
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Oil

Release:

Name:	ROADWAY
Address:	FARRINGTON ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0024297 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/04/2004
Category:	TWO HR
Status Date:	09/12/2005
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/4/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/4/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

ROADWAY (Continued) **S106775777**

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/4/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/4/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 4/22/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 6/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/12/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 9/15/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: HYDRAULIC OIL
Quantity: 3 gallons
Chemical: HYDRAULIC FLUID
Quantity: Not reported
Location Type: MUNICIPAL
Location Type: ROADWAY
Source: PIPE

---

98 NW 1/2-1 0.608 mi. 3211 ft. **DOYLE'S EXXON STATION** **MA SHWS U003000519**
483 SUMMER ST **MA LUST N/A**
ARLINGTON, MA 02474 **MA UST**
MA RELEASE

Relative: Higher
Actual: 131 ft.

SHWS:
Name: PROPERTY
Address: 483 SUMMER STREET
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0034273
Source Type: TANK

DOYLE'S EXXON STATION (Continued) **U003000519**

Release Town: ARLINGTON
Notification Date: 07/13/2017
Category: 120 DY
Associated ID: Not reported
Current Status: PSNC
Status Date: 04/01/2021
Phase: PHASE II
Response Action Outcome: PN
Oil Or Haz Material: Oil and Hazardous Material

Name: PROPERTY
Address: 483 SUMMER STREET
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0034273
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 07/13/2017
Category: 120 DY
Associated ID: Not reported
Current Status: PSNC
Status Date: 04/01/2021
Phase: PHASE II
Response Action Outcome: PN
Oil Or Haz Material: Oil and Hazardous Material

LUST:

Facility:
Name: PROPERTY
Address: 483 SUMMER STREET
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Permanent Solution with No Conditions**
Release Tracking Number/Current Status: 3-0034273 / PSNC
Status Date: 04/01/2021
Source Type: UST
Release Town: ARLINGTON
Notification Date: 07/13/2017
Category: 120 DY
Associated ID: Not reported
Phase: PHASE II
Response Action Outcome: PN - PN
Oil Or Haz Material: Oil and Hazardous Material

Location Type: COMMERCIAL
Source: USTOTHER
Source: UST
Source: TANK
Source: UNKNOWN

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS
Quantity: 120 milligrams per kilogram
Chemical: BENZO[A]PYRENE

DOYLE'S EXXON STATION (Continued) **U003000519**

Quantity: 3.3 milligrams per kilogram
Chemical: LEAD
Quantity: 410 milligrams per kilogram

Actions:

Action Type: BOL
Action Status: SHPFAC
Action Date: 2/8/2021
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 4/1/2021
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 4/1/2021
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 5/13/2021
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 5/15/2018
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/13/2018
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Level I - Technical Screen Audit
Action Date: 6/14/2018
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/15/2018
Response Action Outcome: PN

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/19/2018
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/12/2018

DOYLE'S EXXON STATION (Continued) **U003000519**

Response Action Outcome: PN

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 7/25/2018
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/31/2017
Response Action Outcome: PN

Facility:
Name: PROPERTY
Address: 483 SUMMER STREET
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Permanent Solution with No Conditions**
Release Tracking Number/Current Status: 3-0034273 / PSNC
Status Date: 04/01/2021
Source Type: USTOTHER
Release Town: ARLINGTON
Notification Date: 07/13/2017
Category: 120 DY
Associated ID: Not reported
Phase: PHASE II
Response Action Outcome: PN - PN
Oil Or Haz Material: Oil and Hazardous Material

Location Type: COMMERCIAL
Source: USTOTHER
Source: UST
Source: TANK
Source: UNKNOWN

DOYLE'S EXXON STATION (Continued) **U003000519**

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	C5 THRU C8 ALIPHATIC HYDROCARBONS
Quantity:	120 milligrams per kilogram
Chemical:	BENZO[A]PYRENE
Quantity:	3.3 milligrams per kilogram
Chemical:	LEAD
Quantity:	410 milligrams per kilogram

Actions:

Action Type:	BOL
Action Status:	SHPFAC
Action Date:	2/8/2021
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	4/1/2021
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	4/1/2021
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	5/13/2021
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	5/15/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	6/13/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	6/14/2018
Response Action Outcome:	PN
Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	6/15/2018
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/19/2018
Response Action Outcome:	PN

DOYLE'S EXXON STATION (Continued) **U003000519**

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 7/25/2018
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/31/2017
Response Action Outcome: PN

UST:

Facility:
Name: DOYLE'S EXXON STATION
Address: 483 SUMMER ST
City,State,Zip: ARLINGTON, MA 02474
Facility ID: 259
Owner Id: 1959
Owner: DOYLE'S EXXON STATION
Owner Address: 483 SUMMER ST
Owner City,St,Zip: ARLINGTON, MA 02474
Telephone: Not reported
Description: Not reported
Facility address 2: Not reported
Owner address 2: Not reported
Latitude: 42.42757

DOYLE'S EXXON STATION (Continued) **U003000519**

Longitude:	-71.17388
Contact name:	Not reported
Contact address1:	Not reported
Contact address2:	Not reported
Contact city:	Not reported
Contact state:	Not reported
Contact zip:	Not reported
Contact email:	Not reported
Update:	2009-02-09 00:00:00
Update by:	Not reported
Fac status:	CLOSED

Tank ID:	1
Tank Status:	**Tank Removed**
Status Date:	01/05/1991
Date Installed:	04/30/1956
Capacity:	3000.00000
Contents:	Gasoline
Tank Usage:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Not reported
Pipe construct:	Not reported
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported
Spill bucket sensor:	N
Overfill protect install:	Not reported
Overfill protect type:	Not reported
Automatic line leak detect:	Not reported
Tank corrosion type:	Not reported
Leak corrosion type:	Not reported

Tank ID:	2
Tank Status:	**Tank Removed**
Status Date:	01/05/1991
Date Installed:	04/30/1956
Capacity:	3000.00000
Contents:	Gasoline
Tank Usage:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Not reported

DOYLE'S EXXON STATION (Continued) **U003000519**

Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 3
Tank Status: Tank Removed
Status Date: 01/05/1991
Date Installed: 04/30/1956
Capacity: 2000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: Tank Removed
Status Date: 01/05/1991
Date Installed: 04/30/1956
Capacity: 2000.00000

DOYLE'S EXXON STATION (Continued) **U003000519**

Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 5
Tank Status: Tank Removed
Status Date: 01/05/1991
Date Installed: 04/30/1956
Capacity: 550.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

DOYLE'S EXXON STATION (Continued) **U003000519**

Tank ID: 6
Tank Status: Tank Removed
Status Date: 01/05/1991
Date Installed: 04/30/1956
Capacity: 550.00000
Contents: Kerosene
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Release:
Name: PROPERTY
Address: 483 SUMMER STREET
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0034273 / PSNC
Primary ID: Not reported
Official City: ARLINGTON
Notification: 07/13/2017
Category: 120 DY
Status Date: 04/01/2021
Phase: PHASE II
Response Action Outcome: PN - PN
Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: BOL
Action Status: SHPFAC
Action Date: 2/8/2021
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 4/1/2021

DOYLE'S EXXON STATION (Continued) **U003000519**

Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 4/1/2021
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 5/13/2021
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 5/15/2018
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/13/2018
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Level I - Technical Screen Audit
Action Date: 6/14/2018
Response Action Outcome: PN

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/15/2018
Response Action Outcome: PN

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/19/2018
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 7/12/2018
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/13/2017
Response Action Outcome: PN

DOYLE'S EXXON STATION (Continued) **U003000519**

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/13/2017
Response Action Outcome: PN

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 7/25/2018
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/31/2017
Response Action Outcome: PN

Chemicals:
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS
Quantity: 120 milligrams per kilogram
Chemical: BENZO[A]PYRENE
Quantity: 3.3 milligrams per kilogram
Chemical: LEAD
Quantity: 410 milligrams per kilogram
Location Type: COMMERCIAL
Source: USTOTHER
Source: UST
Source: TANK
Source: UNKNOWN

99
ESE
1/2-1
0.618 mi.
3262 ft.

NO LOCATION AID **MA SHWS S103383716**
30 WATER ST **MA RELEASE N/A**
ARLINGTON, MA 02474

Relative:
Lower

Actual:
52 ft.

SHWS:
Name: NO LOCATION AID
Address: 30 WATER ST
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0017051
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 07/16/1998
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 07/26/1999
Phase: Not reported
Response Action Outcome: B1
Oil Or Haz Material: Oil and Hazardous Material

Release:
Name: NO LOCATION AID

NO LOCATION AID (Continued) **S103383716**

Address:	30 WATER ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0017051 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	07/16/1998
Category:	120 DY
Status Date:	07/26/1999
Phase:	Not reported
Response Action Outcome:	B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/5/1999
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	7/16/1998
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/16/1998
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	7/26/1999
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/26/1999
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:

Chemical:	BENZO[A]PYRENE
Quantity:	30 milligrams per kilogram
Chemical:	BENZO[B]FLUORANTHENE
Quantity:	36 milligrams per kilogram
Chemical:	CHRYSENE
Quantity:	14 milligrams per kilogram
Chemical:	C9 THRU C10 AROMATIC HYDROCARBONS
Quantity:	881 milligrams per kilogram
Chemical:	BENZO(K)FLUORANTHENE

NO LOCATION AID (Continued) **S103383716**

Quantity:	33 milligrams per kilogram
Chemical:	DIBENZO[A,H]ANTHRACENE
Quantity:	30 milligrams per kilogram
Chemical:	INDENO(1,2,3-CD)PYRENE
Quantity:	7.1 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	1210 milligrams per kilogram
Chemical:	C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity:	3420 milligrams per kilogram
Chemical:	BENZO[A]ANTHRACENE
Quantity:	27 milligrams per kilogram

R100 **ARLINGTON CATHOLIC PLAYING FIELD** **MA SHWS** **S109489291**
East **SUMMER ST** **MA INST CONTROL** **N/A**
1/2-1 **ARLINGTON, MA 02474** **MA RELEASE**
0.625 mi.
3298 ft. **Site 2 of 2 in cluster R**

Relative:
Lower

Actual:
36 ft.

SHWS:

Name:	ARLINGTON CATHOLIC PLAYING FIELD
Address:	SUMMER ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0028140
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	11/13/2008
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAO
Status Date:	11/11/2009
Phase:	Not reported
Response Action Outcome:	B2
Oil Or Haz Material:	Oil and Hazardous Material

INST CONTROL:

Name:	ARLINGTON CATHOLIC PLAYING FIELD
Address:	SUMMER ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number:	3-0028140
Action Type:	AUL
Action Stat:	LEGNOT
Action Date:	11/19/2009
Response Action Outcome:	B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Name:	ARLINGTON CATHOLIC PLAYING FIELD
Address:	SUMMER ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number:	3-0028140
Action Type:	AUL
Action Stat:	RECPT
Action Date:	11/12/2009
Response Action Outcome:	B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

ARLINGTON CATHOLIC PLAYING FIELD (Continued) **S109489291**

Name: ARLINGTON CATHOLIC PLAYING FIELD
Address: SUMMER ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0028140
Action Type: AUL
Action Stat: SNAUDI
Action Date: 07/09/2015
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release:
Name: ARLINGTON CATHOLIC PLAYING FIELD
Address: SUMMER ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0028140 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 11/13/2008
Category: 120 DY
Status Date: 11/11/2009
Phase: Not reported
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/11/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/12/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/13/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/13/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more

ARLINGTON CATHOLIC PLAYING FIELD (Continued) **S109489291**

AULs that have been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 11/17/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 11/19/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/3/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/3/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/8/2010
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 7/9/2015
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 8/25/2015
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 9/10/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

ARLINGTON CATHOLIC PLAYING FIELD (Continued) **S109489291**

Chemicals:

Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	1060 milligrams per kilogram
Chemical:	PHENANTHRENE
Quantity:	370 milligrams per kilogram
Chemical:	BIS(2-ETHYLHEXYL)PHTHALATE
Quantity:	7.6 micrograms per liter
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	3220 micrograms per liter
Chemical:	BENZO[A]ANTHRACENE
Quantity:	3.33 micrograms per liter
Chemical:	INDENO(1,2,3-CD)PYRENE
Quantity:	2.18 micrograms per liter
Chemical:	ACENAPHTHYLENE
Quantity:	28 milligrams per kilogram
Chemical:	CHRYSENE
Quantity:	87 milligrams per kilogram
Chemical:	CHRYSENE
Quantity:	3.77 micrograms per liter
Chemical:	ACENAPHTHENE
Quantity:	140 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	5170 milligrams per kilogram
Chemical:	1,4-DICHLOROBENZENE
Quantity:	5.2 micrograms per liter
Chemical:	2-METHYLNAPHTHALENE
Quantity:	15.1 micrograms per liter
Chemical:	DIBENZO[A,H]ANTHRACENE
Quantity:	0.55 micrograms per liter
Chemical:	BENZO[A]ANTHRACENE
Quantity:	95 milligrams per kilogram
Chemical:	DIBENZO[A,H]ANTHRACENE
Quantity:	9.5 milligrams per kilogram
Chemical:	CADMIUM
Quantity:	2 milligrams per kilogram
Chemical:	BENZO[A]PYRENE
Quantity:	4.1 micrograms per liter
Chemical:	BENZO[B]FLUORANTHENE
Quantity:	68 milligrams per kilogram
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	3300 milligrams per kilogram
Chemical:	BENZO[B]FLUORANTHENE
Quantity:	2.83 micrograms per liter
Chemical:	2-METHYLNAPHTHALENE
Quantity:	240 milligrams per kilogram
Chemical:	INDENO(1,2,3-CD)PYRENE
Quantity:	27.3 milligrams per kilogram
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	881 micrograms per liter
Chemical:	BENZO(K)FLUORANTHENE
Quantity:	2.71 micrograms per liter
Chemical:	BENZO[A]PYRENE
Quantity:	71 milligrams per kilogram
Chemical:	NAPHTHALENE
Quantity:	330 milligrams per kilogram
Chemical:	LEAD
Quantity:	1000 milligrams per kilogram

S101 **POLE #18** **MA SHWS** **S103811549**
East **SUMMER ST MYSTIC ST** **MA RELEASE** **N/A**
1/2-1 **ARLINGTON, MA 02474**
0.692 mi.
3652 ft. **Site 1 of 3 in cluster S**

Relative:
Lower

Actual:
26 ft.

SHWS:

Name:	POLE #18
Address:	SUMMER ST MYSTIC ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0012002
Source Type:	TRANSFORM
Release Town:	ARLINGTON
Notification Date:	12/24/1994
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	02/22/1995
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

Release:

Name:	POLE #18
Address:	SUMMER ST MYSTIC ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0012002 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	12/24/1994
Category:	TWO HR
Status Date:	02/22/1995
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/20/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	12/24/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/24/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

POLE #18 (Continued) **S103811549**

Action Type: RLFA
Action Status: FOLFLD
Action Date: 12/24/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 2/22/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/22/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/6/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: TRANSFORMER OIL
Quantity: 50 gallons
Chemical: HYDRAULIC FLUID
Quantity: 30 gallons
Location Type: ROADWAY
Location Type: COMMERCIAL
Source: TRANSFORM

102
WNW
1/2-1
0.698 mi.
3685 ft.

ARLINGTON AUTO CLINIC INC
42 LOWELL ST
ARLINGTON, MA 02476

MA SHWS **S101019652**
MA LUST **N/A**
MA RELEASE
MA SPILLS

Relative:
Higher

Actual:
129 ft.

SHWS:
Name: ARLINGTON AUTO CLINIC INC
Address: 42 LOWELL ST
City,State,Zip: ARLINGTON, MA 024764131
Facility ID: 3-0028046
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 07/24/2008
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 04/26/2011
Phase: PHASE II
Response Action Outcome: B1
Oil Or Haz Material: Hazardous Material

LUST:

ARLINGTON AUTO CLINIC INC (Continued) **S101019652**

Facility:

Name:	ARLINGTON AUTO CLINIC
Address:	42 LOWELL ST
City,State,Zip:	ARLINGTON, MA 024760000
Current Status:	**DEP No Further Action**
Release Tracking Number/Current Status:	3-0002531 / DEPNFA
Status Date:	04/04/1996
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	11/02/1988
Category:	NONE
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	WASTE OIL
Quantity:	Not reported

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	11/2/1988
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	11/2/1988
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	DEPNFA
Action Date:	4/4/1996
Response Action Outcome:	Not reported

Release:

Name:	ARLINGTON AUTO CLINIC
Address:	42 LOWELL ST
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0002531 / DEPNFA
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	11/02/1988
Category:	NONE
Status Date:	04/04/1996
Phase:	Not reported
Response Action Outcome:	-

ARLINGTON AUTO CLINIC INC (Continued) **S101019652**

Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/2/1988
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 11/2/1988
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: DEPNFA
Action Date: 4/4/1996
Response Action Outcome: Not reported

Chemicals:

Chemical: WASTE OIL
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

Name: ARLINGTON AUTO CLINIC INC
Address: 42 LOWELL ST
City,State,Zip: ARLINGTON, MA 024764131
Release Tracking Number/Current Status: 3-0028046 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 07/24/2008
Category: 120 DY
Status Date: 04/26/2011
Phase: PHASE II
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RLFA
Action Status: FOLOFF
Action Date: 10/17/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 10/17/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO

ARLINGTON AUTO CLINIC INC (Continued) **S101019652**

Action Status: Level I - Technical Screen Audit
Action Date: 10/25/2011
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 4/12/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/26/2011
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 4/27/2011
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 5/21/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 5/8/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/24/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/24/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 7/31/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/31/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No

ARLINGTON AUTO CLINIC INC (Continued) **S101019652**

Significant Risk exists.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 7/31/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 7/31/2009
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:
Chemical: CHROMIUM
Quantity: 333 milligrams per kilogram
Chemical: CHRYSENE
Quantity: 11300 parts per billion
Chemical: BENZO[B]FLUORANTHENE
Quantity: 9350 parts per billion
Chemical: LEAD
Quantity: 0.016 milligrams per liter

MA Spills:

Facility ID:	3-2531	Spill ID:	N88-1725
Staff Lead:	BRADLEY, R	Date Entered:	19890124
Last Entered:	19931202	First Response:	19881102
Spill Date:	19881102	Spill Time:	Not reported
Report Date:	19881102	Report Time:	11:30AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	WASTE	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	WASTE OIL	Other Material:	Not reported
Qty Reported:	NONE	Qty Actual:	NONE
Qty Reported:	----------	Qty Actual:	----------
CAS No:	Not reported	PCB Lev (ppm):	----------
Source:	U.S.T.	Other Source:	Not reported
Incident:	TANK REMOVAL	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	SA	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	0		

S103 **INTERSECTION WITH SUMMER ST** **MA SHWS** **S105521963**
East **MYSTIC ST** **MA RELEASE** **N/A**
1/2-1 **ARLINGTON, MA 02474**
0.702 mi.
3706 ft. **Site 2 of 3 in cluster S**

Relative: **Lower**
Actual: **22 ft.**

SHWS:
Name: INTERSECTION WITH SUMMER ST
Address: MYSTIC ST
City,State,Zip: ARLINGTON, MA 024741149
Facility ID: 3-0021646

INTERSECTION WITH SUMMER ST (Continued) **S105521963**

Source Type:	PIPE
Release Town:	ARLINGTON
Notification Date:	04/05/2002
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	05/13/2002
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

Release:

Name:	INTERSECTION WITH SUMMER ST
Address:	MYSTIC ST
City,State,Zip:	ARLINGTON, MA 024741149
Release Tracking Number/Current Status:	3-0021646 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	04/05/2002
Category:	TWO HR
Status Date:	05/13/2002
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/25/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/5/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	4/5/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	5/13/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/13/2002

INTERSECTION WITH SUMMER ST (Continued) **S105521963**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/13/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: MODF
Quantity: 500 gallons
Chemical: CABLE OIL
Quantity: 500 gallons
Location Type: COMMERCIAL
Source: PIPE

---

104 North 1/2-1 0.709 mi. 3741 ft.

RIDGE ST
32 TERESA CIR
ARLINGTON, MA 02474

MA SHWS S102967541
MA LAST N/A
MA RELEASE

Relative: Higher

Actual: 259 ft.

SHWS:
Name: RIDGE ST
Address: 32 TERESA CIR
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0015938
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 11/12/1997
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 03/04/1998
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

LAST:
Name: RIDGE ST
Address: 32 TERESA CIR
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0015938 / RAO
Source Type: AST
Release Town: ARLINGTON
Notification Date: 11/12/1997
Category: TWO HR
Associated ID: Not reported
Status Date: 03/04/1998
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Chemicals:
Chemical: #2 FUEL OIL

RIDGE ST (Continued) **S102967541**

Quantity:	50 gallons
Chemical:	FUEL OIL #2
Quantity:	50 gallons
Location Type:	RESIDNTIAL
Source:	AST
Source:	PIPE

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/12/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/13/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	2/13/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/6/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	3/4/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Name:	RIDGE ST
Address:	32 TERESA CIR
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0015938 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	11/12/1997
Category:	TWO HR
Status Date:	03/04/1998
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

RIDGE ST (Continued) **S102967541**

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/12/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/13/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	2/13/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/6/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	3/4/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	#2 FUEL OIL
Quantity:	50 gallons
Chemical:	FUEL OIL #2
Quantity:	50 gallons
Location Type:	RESIDNTIAL
Source:	AST
Source:	PIPE

S105 **ARLINGTON PUBLIC SAFETY BUILDING** **MA SHWS** **S113411706**
East **113 MYSTIC STREET** **MA RELEASE** **N/A**
1/2-1 **ARLINGTON, MA**
0.717 mi.
3788 ft. **Site 3 of 3 in cluster S**

Relative:
Lower

Actual:
19 ft.

SHWS:

Name:	ARLINGTON PUBLIC SAFETY BUILDING
Address:	113 MYSTIC STREET
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0031333
Source Type:	TRANSFORM
Release Town:	ARLINGTON
Notification Date:	02/02/2013
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO

ARLINGTON PUBLIC SAFETY BUILDING (Continued) **S113411706**

Status Date: 03/06/2013
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Not reported

Release:
Name: ARLINGTON PUBLIC SAFETY BUILDING
Address: 113 MYSTIC STREET
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0031333 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 02/02/2013
Category: TWO HR
Status Date: 03/06/2013
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/2/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 2/2/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/22/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/5/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 3/5/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/6/2013

ARLINGTON PUBLIC SAFETY BUILDING (Continued) **S113411706**

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: MODF
Quantity: 50 gallons
Chemical: MINERAL OIL DIELECTRIC FLUID
Quantity: 50 gallons
Location Type: MUNICIPAL
Source: TRANSFORM

106
ESE
1/2-1
0.718 mi.
3790 ft.

TELEPHONE POLE AND CATCH BASIN **MA SHWS** **S104000376**
MASSACHUSETTS AVE AND PLEASANT ST **MA RELEASE** **N/A**
ARLINGTON, MA

Relative:
Lower

Actual:
44 ft.

SHWS:
Name: TELEPHONE POLE AND CATCH BASIN
Address: MASSACHUSETTS AVE AND PLEASANT ST
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0018209
Source Type: SWITCH
Release Town: ARLINGTON
Notification Date: 04/20/1999
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 04/30/1999
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

Release:
Name: TELEPHONE POLE AND CATCH BASIN
Address: MASSACHUSETTS AVE AND PLEASANT ST
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0018209 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 04/20/1999
Category: TWO HR
Status Date: 04/30/1999
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Disposition
Action Status: Release or TOR Less than Reporting Requirement
Action Date: 4/20/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

TELEPHONE POLE AND CATCH BASIN (Continued) **S104000376**

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 4/20/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: OIL
Quantity: 3 gallons
Chemical: MODF NON PCB
Quantity: 2 gallons
Source: SWITCH

T107 **NSTAR STATION 59** **MA SHWS S103546252**
East **88 MYSTIC ST** **MA RELEASE N/A**
1/2-1 **ARLINGTON, MA 02474**
0.727 mi.
3841 ft. **Site 1 of 2 in cluster T**

Relative: **Lower**
Actual: **17 ft.**

SHWS:
Name: BOSTON EDISON STATION 59
Address: 88 MYSTIC ST
City,State,Zip: ARLINGTON, MA
Facility ID: 3-0018766
Source Type: TRANSFORM
Release Town: ARLINGTON
Notification Date: 09/18/1999
Category: TWO HR
Associated ID: Not reported
Current Status: RAO
Status Date: 10/12/1999
Phase: Not reported
Response Action Outcome: A1
Oil Or Haz Material: Oil

Name: NSTAR STATION 59
Address: 88 MYSTIC ST
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0021151
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 10/11/2001
Category: 120 DY
Associated ID: Not reported
Current Status: RAO

NSTAR STATION 59 (Continued) **S103546252**

Status Date:	11/19/2001
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Hazardous Material
Name:	BOSTON EDISON SUBSTATION #59
Address:	88 MYSTIC ST
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0017493
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	10/28/1998
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAO
Status Date:	10/29/1998
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

Release:

Name:	BOSTON EDISON SUBSTATION #59
Address:	88 MYSTIC ST
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0017493 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/28/1998
Category:	120 DY
Status Date:	10/29/1998
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/28/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/28/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/29/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

NSTAR STATION 59 (Continued) **S103546252**

Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	12/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	12/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/9/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	MODF NON PCB
Quantity:	1200 parts per million
Name:	BOSTON EDISON STATION 59
Address:	88 MYSTIC ST
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0018766 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	09/18/1999
Category:	TWO HR
Status Date:	10/12/1999
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/11/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/12/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/12/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

NSTAR STATION 59 (Continued) **S103546252**

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	10/21/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	9/18/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/18/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical:	MODF
Quantity:	25 gallons
Chemical:	MODF NON PCB
Quantity:	25 gallons
Location Type:	COMMERCIAL
Source:	TRANSFORM
Name:	NSTAR STATION 59
Address:	88 MYSTIC ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0021151 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/11/2001
Category:	120 DY
Status Date:	11/19/2001
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/11/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Utility-related Abatement Measure
Action Status:	Notice of Intent to Conduct a URAM
Action Date:	10/11/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Utility-related Abatement Measure

NSTAR STATION 59 (Continued) **S103546252**

Action Status: Notification of URAM Received
Action Date: 10/15/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/13/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 11/19/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/19/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/26/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: CHROMIUM
Quantity: 3470 parts per million
Chemical: CHROMIUM
Quantity: Not reported
Location Type: INDUSTRIAL
Source: UNKNOWN

108
WNW
1/2-1
0.733 mi.
3869 ft.

PROPERTY **MA SHWS S100828087**
70 BOW ST **MA RELEASE N/A**
ARLINGTON, MA 02174

Relative: Higher

Actual: 134 ft.

SHWS:
Name: PROPERTY
Address: 70 BOW ST
City,State,Zip: ARLINGTON, MA 02174
Facility ID: 3-0002626
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 01/15/1990
Category: NONE
Associated ID: Not reported
Current Status: DEPNDS
Status Date: 04/02/1996
Phase: Not reported
Response Action Outcome: Not reported

PROPERTY (Continued) **S100828087**

Oil Or Haz Material: Not reported

Release:
Name: PROPERTY
Address: 70 BOW ST
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0002626 / DEPNDS
Primary ID: Not reported
Official City: ARLINGTON
Notification: 01/15/1990
Category: NONE
Status Date: 04/02/1996
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 1/15/1990
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: DEPNDS
Action Date: 4/2/1996
Response Action Outcome: Not reported

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

---

109 **ARLINGTON GAS LIGHT CO** **EDR MGP** **1008408403**
East **SACHEM AVE** **N/A**
1/2-1 **ARLINGTON, MA 2474**
0.741 mi.
3914 ft.

Relative: Manufactured Gas Plants:
Lower No additional information available

Actual:
16 ft.

T110 **NO LOCATION AID** **MA SHWS** **S103546208**
East **81 MYSTIC ST** **MA LUST** **N/A**
1/2-1 **ARLINGTON, MA 02474** **MA RELEASE**
0.766 mi.
4044 ft. **Site 2 of 2 in cluster T**

Relative: SHWS:
Lower Name: NO LOCATION AID
Actual: Address: 81 MYSTIC ST
12 ft. City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0018894

NO LOCATION AID (Continued) **S103546208**

Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	10/22/1999
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAONR
Status Date:	10/25/2000
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

LUST:

Facility:

Name:	NO LOCATION AID
Address:	81 MYSTIC ST
City,State,Zip:	ARLINGTON, MA 024740000
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0017441 / RAO
Status Date:	03/23/2007
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	10/16/1998
Category:	72 HR
Associated ID:	3-0017441
Phase:	PHASE IV
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Hazardous Material
Location Type:	COMMERCIAL
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	MINERAL SPIRITS
Quantity:	100 parts per million
Chemical:	MINERAL SPIRITS
Quantity:	1043 parts per million

Actions:

Action Type:	Phase 2
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	1/4/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/16/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action

NO LOCATION AID (Continued) **S103546208**

Action Status: Oral Approval of Plan or Action
Action Date: 10/16/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/18/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/18/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 11/18/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/24/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S103546208**

reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/22/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/22/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/4/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 2/8/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/15/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 3/16/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 3/16/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/23/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/23/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action

NO LOCATION AID (Continued) **S103546208**

Action Status: Notice of Enforcement Conference
Action Date: 5/25/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 5/31/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 5/31/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 5/31/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 6/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/9/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 8/12/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S103546208**

reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 8/2/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 8/28/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Facility:
Name: NO LOCATION AID
Address: 81 MYSTIC ST
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Response Action Outcome Not Required**
Release Tracking Number/Current Status: 3-0017442 / RAONR
Status Date: 10/22/1999
Source Type: UST
Release Town: ARLINGTON
Notification Date: 10/16/1998
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: DIESEL
Quantity: 125 parts per million
Chemical: #2 FUEL OIL
Quantity: 100 parts per million

Actions:
Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/16/1998
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/16/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received

NO LOCATION AID (Continued) **S103546208**

Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/25/2000
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/24/1998
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/22/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/22/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 2/8/2006
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/15/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 3/15/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 3/16/2006
Response Action Outcome: Not reported

NO LOCATION AID (Continued) **S103546208**

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/23/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 5/25/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 6/21/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 8/2/2005
Response Action Outcome: Not reported

Facility:
Name: NO LOCATION AID
Address: 81 MYSTIC ST
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Response Action Outcome Not Required**
Release Tracking Number/Current Status: 3-0024418 / RAONR
Status Date: 03/16/2006
Source Type: UST
Release Town: ARLINGTON
Notification Date: 11/18/2004
Category: 72 HR
Associated ID: Not reported
Phase: PHASE II
Response Action Outcome: -
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 0.5 inches
Chemical: #2 FUEL OIL
Quantity: Not reported

Actions:
Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 1/10/2006
Response Action Outcome: Not reported

Action Type: Immediate Response Action

NO LOCATION AID (Continued) **S103546208**

Action Status: Written Plan Received
Action Date: 1/14/2005
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/14/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 1/14/2005
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/24/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/25/2000
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/18/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/18/2004
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/18/2004
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/18/2005

NO LOCATION AID (Continued) **S103546208**

Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/10/2004
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/7/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 2/8/2006
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 3/16/2006
Response Action Outcome: Not reported

NO LOCATION AID (Continued) **S103546208**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/21/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/23/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 5/25/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 6/21/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 8/2/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/19/2005
Response Action Outcome: Not reported

Release:
Name: NO LOCATION AID
Address: 81 MYSTIC ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0017441 / RAO
Primary ID: 3-0017441
Official City: ARLINGTON
Notification: 10/16/1998
Category: 72 HR
Status Date: 03/23/2007
Phase: PHASE IV
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 1/4/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

NO LOCATION AID (Continued) **S103546208**

Action Status: Reportable Release under MGL 21E
Action Date: 10/16/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/16/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/18/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/18/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 11/18/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S103546208**

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/24/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/22/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/22/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/4/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 2/8/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/15/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 3/16/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 3/16/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/23/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

NO LOCATION AID (Continued) **S103546208**

Action Status: RAO Statement Received
Action Date: 3/23/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 5/25/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 5/31/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 5/31/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 5/31/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 6/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 6/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/9/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S103546208**

reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 8/12/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 8/2/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 8/28/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: MINERAL SPIRITS
Quantity: 100 parts per million
Chemical: MINERAL SPIRITS
Quantity: 1043 parts per million
Location Type: COMMERCIAL
Source: UST

Name: NO LOCATION AID
Address: 81 MYSTIC ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0017442 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/16/1998
Category: 72 HR
Status Date: 10/22/1999
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/16/1998
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/16/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received

NO LOCATION AID (Continued) **S103546208**

Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/25/2000
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/24/1998
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/22/1998
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/22/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 2/8/2006
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/15/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 3/15/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 3/16/2006
Response Action Outcome: Not reported

NO LOCATION AID (Continued) **S103546208**

Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	3/23/2005
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	5/25/2005
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	6/21/2005
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	8/2/2005
Response Action Outcome:	Not reported

Chemicals:

Chemical:	DIESEL
Quantity:	125 parts per million
Chemical:	#2 FUEL OIL
Quantity:	100 parts per million
Location Type:	COMMERCIAL
Source:	UST
Name:	NO LOCATION AID
Address:	81 MYSTIC ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0018894 / RAONR
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/22/1999
Category:	120 DY
Status Date:	10/25/2000
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	1/19/2001
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/6/2000
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E

NO LOCATION AID (Continued) **S103546208**

Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/25/2000
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 10/25/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 2/8/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/23/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 5/25/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 6/21/2005
Response Action Outcome: Not reported

NO LOCATION AID (Continued) **S103546208**

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 8/2/2005
Response Action Outcome: Not reported

Chemicals:
Chemical: VINYL CHLORIDE
Quantity: 14 micrograms per liter

Name: NO LOCATION AID
Address: 81 MYSTIC ST
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0024418 / RAONR
Primary ID: Not reported
Official City: ARLINGTON
Notification: 11/18/2004
Category: 72 HR
Status Date: 03/16/2006
Phase: PHASE II
Response Action Outcome: -
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 1/10/2006
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 1/14/2005
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/14/2005
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 1/14/2005
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/24/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification

NO LOCATION AID (Continued) **S103546208**

Action Status: Tier 2 Classification
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/22/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 10/25/2000
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/18/2004
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/18/2004
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/18/2004
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 11/18/2005
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/10/2004

NO LOCATION AID (Continued) **S103546208**

Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/7/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 2/8/2006
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement
Action Date: 3/16/2006
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/21/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 3/23/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 5/25/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Amendment Received or Issued
Action Date: 6/21/2005
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 8/2/2005
Response Action Outcome: Not reported

NO LOCATION AID (Continued) **S103546208**

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/19/2005
Response Action Outcome: Not reported

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 0.5 inches
Chemical: #2 FUEL OIL
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

---

111 SW 1/2-1 0.772 mi. 4074 ft. **BRACKETT SCHOOL**
EASTERN AVE
ARLINGTON, MA 02474

MA SHWS S103383755
MA LUST N/A
MA RELEASE

Relative: Higher

Actual: 298 ft.

SHWS:
Name: BRACKETT SCHOOL
Address: EASTERN AVE
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0017104
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 07/30/1998
Category: 72 HR
Associated ID: Not reported
Current Status: RAO
Status Date: 07/30/1999
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

LUST:

Facility:
Name: BRACKETT SCHOOL
Address: EASTERN AVE
City,State,Zip: ARLINGTON, MA 024740000
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0017104 / RAO
Status Date: 07/30/1999
Source Type: UST
Release Town: ARLINGTON
Notification Date: 07/30/1998
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: MUNICIPAL
Location Type: SCHOOL
Source: UST

BRACKETT SCHOOL (Continued) **S103383755**

Source: PIPE

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	FUEL OIL #4
Quantity:	Not reported
Chemical:	FUEL OIL #2
Quantity:	Not reported
Chemical:	FUEL OIL #2
Quantity:	1000 gallons
Chemical:	FUEL OIL #4
Quantity:	1000 gallons

Actions:

Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	10/2/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/2/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	10/8/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/30/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Oral Approval of Plan or Action
Action Date:	7/30/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	7/30/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/30/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

BRACKETT SCHOOL (Continued) **S103383755**

reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/17/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/4/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 9/21/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: BRACKETT SCHOOL
Address: EASTERN AVE
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0017104 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 07/30/1998
Category: 72 HR
Status Date: 07/30/1999
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 10/2/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/2/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 10/8/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

BRACKETT SCHOOL (Continued) **S103383755**

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/30/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Oral Approval of Plan or Action
Action Date: 7/30/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 7/30/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 8/17/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/4/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 9/21/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: FUEL OIL #4
Quantity: Not reported
Chemical: FUEL OIL #2
Quantity: Not reported
Chemical: FUEL OIL #2
Quantity: 1000 gallons
Chemical: FUEL OIL #4
Quantity: 1000 gallons
Location Type: MUNICIPAL
Location Type: SCHOOL
Source: UST
Source: PIPE

112
South
1/2-1
0.776 mi.
4096 ft.

NO LOCATION AID
76 BRANTWOOD RD
ARLINGTON, MA 02174

MA SHWS **S102085111**
MA LAST **N/A**
MA RELEASE

Relative:
Higher

Actual:
138 ft.

SHWS:

Name:	NO LOCATION AID
Address:	76 BRANTWOOD RD
City,State,Zip:	ARLINGTON, MA 02174
Facility ID:	3-0010409
Source Type:	PIPE
Release Town:	ARLINGTON
Notification Date:	01/09/1994
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	08/19/1994
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

LAST:

Name:	NO LOCATION AID
Address:	76 BRANTWOOD RD
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0010409 / RAO
Source Type:	AST
Release Town:	ARLINGTON
Notification Date:	01/09/1994
Category:	TWO HR
Associated ID:	Not reported
Status Date:	08/19/1994
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil

Chemicals:

Chemical:	#2 FUEL OIL
Quantity:	25 gallons
Chemical:	#2 FUEL OIL
Quantity:	15 gallons
Location Type:	RESIDNTIAL
Source:	PIPE
Source:	AST

Actions:

Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	1/10/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/31/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

NO LOCATION AID (Continued) **S102085111**

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 10/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/2/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 3/7/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 4/11/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 4/28/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/28/1994

NO LOCATION AID (Continued) **S102085111**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 5/26/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 6/27/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/27/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: NO LOCATION AID
Address: 76 BRANTWOOD RD
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0010409 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 01/09/1994
Category: TWO HR
Status Date: 08/19/1994
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: RLFA
Action Status: FOLFLD
Action Date: 1/10/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S102085111**

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/31/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/9/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 10/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/2/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 3/7/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 4/11/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

NO LOCATION AID (Continued) **S102085111**

Action Status: Written Plan Received
Action Date: 4/28/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/28/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 5/26/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 6/27/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 6/27/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/19/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 25 gallons
Chemical: #2 FUEL OIL
Quantity: 15 gallons
Location Type: RESIDNTIAL
Source: PIPE
Source: AST

113
WSW
1/2-1
0.793 mi.
4189 ft.

FIRE STATION
PARK AVE
ARLINGTON, MA 01430

MA SHWS **S101018758**
MA RELEASE **N/A**
MA SPILLS

Relative:
Higher

Actual:
370 ft.

SHWS:

Name:	FIRE STATION
Address:	PARK AVE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0002009
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	04/15/1989
Category:	NONE
Associated ID:	Not reported
Current Status:	PENNFA
Status Date:	09/01/1993
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Not reported

Release:

Name:	FIRE STATION
Address:	PARK AVE
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0002009 / PENNFA
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	04/15/1989
Category:	NONE
Status Date:	09/01/1993
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	4/15/1989
Response Action Outcome:	Not reported

Action Type:	TREGS
Action Status:	PENNFA
Action Date:	9/1/1993
Response Action Outcome:	Not reported

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported

MA Spills:

Facility ID:	3-2009	Spill ID:	N88-0817
Staff Lead:	LEBLANC, M	Date Entered:	19880623
Last Entered:	19940112	First Response:	19880608

FIRE STATION (Continued) **S101018758**

Spill Date:	Not reported	Spill Time:	Not reported
Report Date:	19880603	Report Time:	12:30PM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	NONE	Qty Actual:	NONE
Qty Reported:	GALLONS	Qty Actual:	GALLONS
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	U.S.T.	Other Source:	Not reported
Incident:	TANK REMOVAL	Other Incdnt:	Not reported
Cleanup Type:	Not reported	Contractor:	NOT USED
Referral:	SA	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	0		

114
SSE
1/2-1
0.823 mi.
4348 ft.

NO LOCATION AID **MA SHWS** **S104774208**
2 CHAPMAN ST **MA RELEASE** **N/A**
ARLINGTON, MA

Relative:
Lower

Actual:
31 ft.

SHWS:

Name:	NO LOCATION AID
Address:	2 CHAPMAN ST
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0019841
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	08/15/2000
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAO
Status Date:	09/11/2000
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

Release:

Name:	NO LOCATION AID
Address:	2 CHAPMAN ST
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0019841 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	08/15/2000
Category:	120 DY
Status Date:	09/11/2000
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

NO LOCATION AID (Continued) **S104774208**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	11/9/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	8/15/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/15/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/11/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	ALIPHATIC HYDROCARBONS C9 THRU C18
Quantity:	4900 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	2100 milligrams per kilogram
Chemical:	C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity:	2800 milligrams per kilogram

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115 NNE 1/2-1 0.826 mi. 4361 ft.

DR AND MRS CHARLES H BURKE RESIDENCE
7 ARROWHEAD LN
ARLINGTON, MA 02474

MA SHWS **S105200137**
MA RELEASE **N/A**

Relative: Higher

Actual: 248 ft.

SHWS:

Name:	DR AND MRS CHARLES H BURKE RESIDENCE
Address:	7 ARROWHEAD LN
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0021235
Source Type:	PIPE
Release Town:	ARLINGTON
Notification Date:	11/04/2001
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	03/30/2004
Phase:	PHASE II
Response Action Outcome:	A2
Oil Or Haz Material:	Oil

DR AND MRS CHARLES H BURKE RESIDENCE (Continued) **S105200137**

Release:

Name:	DR AND MRS CHARLES H BURKE RESIDENCE
Address:	7 ARROWHEAD LN
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0021235 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	11/04/2001
Category:	TWO HR
Status Date:	03/30/2004
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/24/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	1/28/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	1/28/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	11/14/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	11/29/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/4/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDD1A

DR AND MRS CHARLES H BURKE RESIDENCE (Continued) **S105200137**

Action Date: 11/6/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/7/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/12/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 2/21/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 2/8/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 3/30/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 3/30/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/30/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/19/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/19/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

DR AND MRS CHARLES H BURKE RESIDENCE (Continued) **S105200137**

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/19/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	6/19/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	6/26/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/26/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	7/26/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	FUEL OIL #2
Quantity:	60 gallons
Chemical:	FUEL OIL #2
Quantity:	Not reported
Location Type:	RESIDNTIAL
Source:	PIPE

116
South
1/2-1
0.829 mi.
4377 ft.

NO LOCATION AID
52 HILLSDALE RD
ARLINGTON, MA 02476

MA SHWS **S110684388**
MA RELEASE **N/A**
MA ASBESTOS

Relative:
Higher

Actual:
112 ft.

SHWS:

Name:	NO LOCATION AID
Address:	52 HILLSDALE RD
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0029606
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	10/15/2010
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAO
Status Date:	10/27/2010
Phase:	Not reported

NO LOCATION AID (Continued) **S110684388**

Response Action Outcome: A2
Oil Or Haz Material: Oil and Hazardous Material

Release:
Name: NO LOCATION AID
Address: 52 HILLSDALE RD
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0029606 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 10/15/2010
Category: 120 DY
Status Date: 10/27/2010
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/15/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/15/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 10/27/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 11/24/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: PHENANTHRENE
Quantity: 110 parts per million
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 6800 parts per million
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity: 20000 parts per million
Chemical: 2-METHYLNAPHTHALENE
Quantity: 250 parts per million
Chemical: NAPHTHALENE
Quantity: 42 parts per million

NO LOCATION AID (Continued) **S110684388**

Chemical:	C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity:	4500 parts per million
Chemical:	ACENAPHTHENE
Quantity:	74 parts per million
Chemical:	ACENAPHTHYLENE
Quantity:	33 parts per million
Location Type:	UNKNOWN
Source:	UNKNOWN

ASBESTOS:

Name:	DAVID SMITH
Address:	52 HILLSDALE ROAD
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	11/04/2010
End Date:	11/05/2010
Date Entered:	Not reported
Entry Date:	10/22/2010
Quantity Materical Removed SF:	.00
Quantity Material Removed LF:	50.00
Project Description:	Spr
AR Tracking ID:	133466
Super Lic Number:	AS032802
Monitor Lic Number:	AM060297
Lab Lic Number:	AA000131
Year:	2010
Sticker Number:	100115309
Form Type:	ANF-001
Fee Status:	Exempt
Facility Phone:	Not reported
Sub Town:	Not reported
Worksite:	BASEMENT
Occupied:	-1
Contractor:	AC000112
Contract Type:	WRITTEN
Hours:	Week days: 8AM-5PM Week end:
Project Type:	Renv
Abatement Process:	Fcontain
Location:	Indoors
Decon Process:	CONTAINMENT BARRIER WITH CLEAN ROOM USING NEGATIVE AIR SYSTEM AND HEPA
Disposal Methods:	WET ASBESTOS PROPERLY SEALED IN SIX MIL POLY BAGS PLACARDED FOR ASBESTOS
Facility Usage:	RESIDENTIAL DWELLING
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	4
Owner Name:	SAME
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported

NO LOCATION AID (Continued) **S110684388**

EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	Not reported
Transporter Address:	Not reported
Transporter City:	Not reported
Transporter State:	Not reported
Final Site:	18
Certified Name:	SAM NIGRO
Cert Sign Date:	10/22/2010
Certified Company:	DUDLEY SERVICES INC.
Certified Phone:	Not reported
Entered_by:	Not reported

U117 **PROPERTY** **MA SHWS S100360561**
ESE **444 MASSACHUSETTS AVE** **MA RELEASE N/A**
1/2-1 **ARLINGTON, MA 02174**
0.837 mi.
4421 ft. **Site 1 of 3 in cluster U**

Relative:
Lower

Actual:
33 ft.

SHWS:

Name:	PROPERTY
Address:	444 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Facility ID:	3-0000734
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	10/15/1988
Category:	NONE
Associated ID:	Not reported
Current Status:	DEPNFA
Status Date:	05/07/1996
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Oil

Release:

Name:	PROPERTY
Address:	444 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0000734 / DEPNFA
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/15/1988
Category:	NONE
Status Date:	05/07/1996
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	10/15/1988
Response Action Outcome:	Not reported

PROPERTY (Continued) **S100360561**

Action Type: TREGS
Action Status: DEPNFA
Action Date: 5/7/1996
Response Action Outcome: Not reported

Chemicals:
Chemical: DIESEL FUEL
Quantity: Not reported
Location Type: COMMERCIAL

U118 **NO LOCATION AID** **MA SHWS** **S103812101**
ESE **440R MASSACHUSETTS AVE** **MA LUST** **N/A**
1/2-1 **ARLINGTON, MA 02474** **MA RELEASE**
0.843 mi.
4451 ft. **Site 2 of 3 in cluster U**

Relative: Lower
Actual: 33 ft.

SHWS:
Name: NO LOCATION AID
Address: 440R MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0018089
Source Type: PIPE
Release Town: ARLINGTON
Notification Date: 03/12/1999
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 05/20/1999
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

LUST:

Facility:
Name: NO LOCATION AID
Address: 440R MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA
Current Status: **Response Action Outcome**
Release Tracking Number/Current Status: 3-0018021 / RAO
Status Date: 04/30/1999
Source Type: UST
Release Town: ARLINGTON
Notification Date: 02/22/1999
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

NO LOCATION AID (Continued) **S103812101**

Chemicals:
Chemical: GASOLINE
Quantity: 101 parts per million
Chemical: GASOLINE
Quantity: 104 parts per million

Actions:
Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 11/26/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 11/8/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 2/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/23/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 4/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/6/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received

NO LOCATION AID (Continued) **S103812101**

Action Date: 9/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: NO LOCATION AID
Address: 440R MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA
Release Tracking Number/Current Status: 3-0018021 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 02/22/1999
Category: 72 HR
Status Date: 04/30/1999
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 11/26/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 11/8/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 2/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/22/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 4/23/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 4/30/1999

NO LOCATION AID (Continued) **S103812101**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/6/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 9/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: GASOLINE
Quantity: 101 parts per million
Chemical: GASOLINE
Quantity: 104 parts per million
Location Type: COMMERCIAL
Source: UST

Name: NO LOCATION AID
Address: 440R MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0018089 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 03/12/1999
Category: 120 DY
Status Date: 05/20/1999
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 11/26/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Utility-related Abatement Measure
Action Status: NPERTN
Action Date: 11/8/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

NO LOCATION AID (Continued) **S103812101**

reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 3/12/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Oral Approval of Plan or Action
Action Date: 3/12/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/19/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/15/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/20/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 5/25/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Utility-related Abatement Measure
Action Status: Completion Statement Received
Action Date: 9/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 3110 parts per million
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 1880 parts per million
Location Type: COMMERCIAL
Source: PIPE

U119 **MIRAK ARLINGTON CENTER** **MA SHWS** **S100831573**
ESE **424-426 430 440 MASSACHUSETTS AVE** **MA LUST** **N/A**
1/2-1 **ARLINGTON, MA 02174** **MA RELEASE**
0.843 mi.
4451 ft. **Site 3 of 3 in cluster U**

Relative:
Lower

Actual:
33 ft.

SHWS:

Name:	MIRAK ARLINGTON CENTER
Address:	424-426 430 440 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Facility ID:	3-0003376
Source Type:	UNCONTAIN
Release Town:	ARLINGTON
Notification Date:	01/15/1991
Category:	NONE
Associated ID:	Not reported
Current Status:	WCSPRM
Status Date:	11/16/1995
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Oil

LUST:

Facility:

Name:	MIRAK ARLINGTON CENTER
Address:	424-426 430 440 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Current Status:	**Waiver Completion Statement, Permanent**
Release Tracking Number/Current Status:	3-0003376 / WCSPRM
Status Date:	11/16/1995
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	01/15/1991
Category:	NONE
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Oil
Location Type:	REPAIRYARD
Source:	UNCONTAIN
Source:	UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	WASTE OIL
Quantity:	Not reported

Actions:

Action Type:	TREGS
Action Status:	WAVSIG
Action Date:	11/14/1990
Response Action Outcome:	Not reported
Action Type:	TREGS

MIRAK ARLINGTON CENTER (Continued) **S100831573**

Action Status:	WCSPRM
Action Date:	11/16/1995
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVACC
Action Date:	11/19/1990
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	11/19/1990
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/27/1995
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVREC
Action Date:	9/13/1990
Response Action Outcome:	Not reported

Release:

Name:	MIRAK ARLINGTON CENTER
Address:	424-426 430 440 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0003376 / WCSPRM
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/15/1991
Category:	NONE
Status Date:	11/16/1995
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	TREGS
Action Status:	WAVSIG
Action Date:	11/14/1990
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WCSPRM
Action Date:	11/16/1995
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVACC
Action Date:	11/19/1990
Response Action Outcome:	Not reported

MIRAK ARLINGTON CENTER (Continued) **S100831573**

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	11/19/1990
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/27/1995
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVREC
Action Date:	9/13/1990
Response Action Outcome:	Not reported

Chemicals:

Chemical:	WASTE OIL
Quantity:	Not reported
Location Type:	REPAIRYARD
Source:	UNCONTAIN
Source:	UST

V120 **PROPERTY** **MA SHWS** **S105810944**
WNW **ML LA LOWELL ST** **MA RELEASE** **N/A**
1/2-1 **ARLINGTON, MA 02174**
0.843 mi.
4452 ft. **Site 1 of 3 in cluster V**

Relative: Higher
Actual: 149 ft.

SHWS:

Name:	PROPERTY
Address:	ML LA LOWELL ST
City,State,Zip:	ARLINGTON, MA 02174
Facility ID:	3-0000678
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	10/15/1988
Category:	NONE
Associated ID:	Not reported
Current Status:	PENNFA
Status Date:	08/02/1995
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Not reported

Release:

Name:	PROPERTY
Address:	ML LA LOWELL ST
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0000678 / PENNFA
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	10/15/1988
Category:	NONE
Status Date:	08/02/1995
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Not reported

PROPERTY (Continued) **S105810944**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	10/15/1988
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	PENNFA
Action Date:	8/2/1995
Response Action Outcome:	Not reported

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported

---

121 NNW 1/2-1 0.855 mi. 4512 ft. **TURKEY HILL WATER TANK TURKEY HILL RESRV** **MA SHWS** **S106954059**
END OF DODGE ST **MA RELEASE** **N/A**
ARLINGTON, MA 02474

Relative: Higher

Actual: 340 ft.

SHWS:

Name:	TURKEY HILL WATER TANK TURKEY HILL RESRV
Address:	END OF DODGE ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0024949
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	06/13/2005
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAO
Status Date:	06/09/2006
Phase:	Not reported
Response Action Outcome:	A2
Oil Or Haz Material:	Hazardous Material

Release:

Name:	TURKEY HILL WATER TANK TURKEY HILL RESRV
Address:	END OF DODGE ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0024949 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	06/13/2005
Category:	120 DY
Status Date:	06/09/2006
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Hazardous Material

TURKEY HILL WATER TANK TURKEY HILL RESRV (Continued) **S106954059**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	5/5/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	6/13/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/13/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/23/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	6/9/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	6/9/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	HEPTACHLOR
Quantity:	0.079 milligrams per kilogram

122
East
1/2-1
0.864 mi.
4564 ft.

NEAR MT PLEASANT CEMETERY
MEDFORD ST
ARLINGTON, MA 02474

MA SHWS **S103043527**
MA RELEASE **N/A**

Relative:
Lower

Actual:
34 ft.

SHWS:

Name:	NEAR MT PLEASANT CEMETERY
Address:	MEDFORD ST
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0016705
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	04/17/1998

NEAR MT PLEASANT CEMETERY (Continued) **S103043527**

Category:	120 DY
Associated ID:	Not reported
Current Status:	URAM
Status Date:	04/17/1998
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Hazardous Material

Release:

Name:	NEAR MT PLEASANT CEMETERY
Address:	MEDFORD ST
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0016705 / URAM
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	04/17/1998
Category:	120 DY
Status Date:	04/17/1998
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Utility-related Abatement Measure
Action Status:	Notification of URAM Received
Action Date:	4/17/1998
Response Action Outcome:	Not reported

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/17/1998
Response Action Outcome:	Not reported

Action Type:	Utility-related Abatement Measure
Action Status:	Work Started
Action Date:	4/30/1998
Response Action Outcome:	Not reported

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	4/30/1998
Response Action Outcome:	Not reported

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/22/1998
Response Action Outcome:	Not reported

Action Type:	Utility-related Abatement Measure
Action Status:	Completion Statement Received
Action Date:	8/7/1998
Response Action Outcome:	Not reported

NEAR MT PLEASANT CEMETERY (Continued) **S103043527**

Chemicals:

Chemical:	BENZO[A]ANTHRACENE
Quantity:	0.84 parts per million
Chemical:	PAH
Quantity:	Not reported
Chemical:	BENZO[A]PYRENE
Quantity:	1 parts per million
Chemical:	BENZO[B]FLUORANTHENE
Quantity:	0.89 parts per million
Location Type:	ROADWAY
Location Type:	RIGHTOFWAY
Source:	UNKNOWN

V123 **ALPHA AUTO BODY** **RCRA-VSQG** **1000238818**
WNW **30 PARK AVE** **MA SHWS** **MAD985271667**
1/2-1 **ARLINGTON, MA 02476** **MA LUST**
0.866 mi. **MA RELEASE**
4575 ft. **Site 2 of 3 in cluster V** **ICIS**
US AIRS
Relative: Higher **FINDS**
ECHO
Actual: 154 ft.

RCRA-VSQG:

Date Form Received by Agency:	2001-10-02 00:00:00.0
Handler Name:	ALPHA COLLISION CENTER LLC
Handler Address:	30 PARK AVE
Handler City,State,Zip:	ARLINGTON, MA 02476
EPA ID:	MAD985271667
Contact Name:	GARNIK NSHANYAN
Contact Address:	30R PARK AVE
Contact City,State,Zip:	ARLINGTON, MA 02174
Contact Telephone:	617-646-4611
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	01
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, State-specific Activities
State District Owner:	MA
State District:	N
Mailing Address:	30 PARKE AVE
Mailing City,State,Zip:	ARLINGTON, MA 02474-0000
Owner Name:	ALPHA AUTO BODY INC
Owner Type:	Private
Operator Name:	ALPHA AUTO BODY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

ALPHA AUTO BODY (Continued) **1000238818**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	--Y
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-10-20 14:16:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM

ALPHA AUTO BODY (Continued) **1000238818**

Waste Code: D008
Waste Description: LEAD

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ALPHA AUTO BODY INC
Legal Status: Private
Date Became Current: 1900-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 30R PARK AVE
Owner/Operator City,State,Zip: ARLINGTON, MA 02174
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALPHA AUTO BODY
Legal Status: Private
Date Became Current: 1991-12-08 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 30R PARK AVE
Owner/Operator City,State,Zip: ARLINGTON, MA 02174
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

ALPHA AUTO BODY (Continued) **1000238818**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALPHA AUTO BODY
Legal Status:	Private
Date Became Current:	1991-12-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1988-03-08 00:00:00.0
Handler Name:	ALPHA COLLISION CENTER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-10-02 00:00:00.0
Handler Name:	ALPHA COLLISION CENTER LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-10-02 00:00:00.0
Actual Return to Compliance Date:	2002-03-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-01-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-11-29 00:00:00.0

ALPHA AUTO BODY (Continued) **1000238818**

Enforcement Responsible Agency: State
Enforcement Docket Number: 01-9147-27
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: DPLMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2001-10-02 00:00:00.0
Actual Return to Compliance Date: 2002-03-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 2002-01-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2001-11-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 01-9147-27
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: DPLMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

ALPHA AUTO BODY (Continued) **1000238818**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2001-10-02 00:00:00.0
Actual Return to Compliance Date: 2002-03-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 2002-01-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2001-11-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 01-9147-27
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: DPLMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2001-10-02 00:00:00.0
Actual Return to Compliance Date: 2002-03-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 2002-01-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2001-11-29 00:00:00.0

ALPHA AUTO BODY (Continued) **1000238818**

Enforcement Responsible Agency: State
Enforcement Docket Number: 01-9147-27
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: DPLMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2001-10-02 00:00:00.0
Actual Return to Compliance Date: 2002-03-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 2002-01-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2001-11-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 01-9147-27
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: DPLMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

ALPHA AUTO BODY (Continued) **1000238818**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-10-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DPLMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	2002-03-28 00:00:00.0
Scheduled Compliance Date:	2002-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-10-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DPLMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	2002-03-28 00:00:00.0
Scheduled Compliance Date:	2002-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-10-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DPLMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	2002-03-28 00:00:00.0
Scheduled Compliance Date:	2002-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-10-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DPLMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	2002-03-28 00:00:00.0
Scheduled Compliance Date:	2002-01-05 00:00:00.0

ALPHA AUTO BODY (Continued) **1000238818**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-10-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DPLMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	2002-03-28 00:00:00.0
Scheduled Compliance Date:	2002-01-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	ALPHA AUTO BODY
Address:	30 PARK AVE
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0014668
Source Type:	DRUMS
Release Town:	ARLINGTON
Notification Date:	12/25/1996
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	02/24/1997
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Hazardous Material

LUST:

Facility:

Name:	COMMERCIAL PROPERTY
Address:	30 PARK AVE
City,State,Zip:	ARLINGTON, MA 024760000
Current Status:	**Response Action Outcome**
Release Tracking Number/Current Status:	3-0003451 / RAO
Status Date:	07/09/1997
Source Type:	UST
Release Town:	ARLINGTON
Notification Date:	11/11/1988
Category:	NONE
Associated ID:	Not reported
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	REPAIRYARD
Location Type:	AUTO BODY
Source:	UST

ALPHA AUTO BODY (Continued) **1000238818**

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: PETROLEUM
Quantity: Not reported

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/11/1988
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 11/11/1988
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 3/14/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 3/14/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 3/14/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 3/24/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/9/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Name: COMMERCIAL PROPERTY
Address: 30 PARK AVE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0003451 / RAO

ALPHA AUTO BODY (Continued) **1000238818**

Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	11/11/1988
Category:	NONE
Status Date:	07/09/1997
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	11/11/1988
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	11/11/1988
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/14/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	3/14/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	3/14/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	3/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/9/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

ALPHA AUTO BODY (Continued) **1000238818**

Chemical:	PETROLEUM
Quantity:	Not reported
Location Type:	REPAIRYARD
Location Type:	AUTO BODY
Source:	UST
Name:	ALPHA AUTO BODY
Address:	30 PARK AVE
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0014668 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	12/25/1996
Category:	TWO HR
Status Date:	02/24/1997
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/13/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	12/25/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/25/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	12/25/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	2/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced

ALPHA AUTO BODY (Continued) **1000238818**

to background or a threat of release has been eliminated.

Chemicals:
Chemical: PAINT SOLIDS
Quantity: 10 gallons
Chemical: PAINT SOLIDS
Quantity: 25 gallons
Location Type: COMMERCIAL
Source: DRUMS

ICIS:
Enforcement Action ID: MA000A0000251190086700013
FRS ID: 110008416794
Action Name: ALPHA AUTO BODY 251190086700013
Facility Name: ALPHA AUTO BODY
Facility Address: 30 PARK AVENUE
ARLINGTON, TOWN OF, MA 021740000
Enforcement Action Type: Notice of Violation
Facility County: MIDDLESEX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7532
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.42503
Longitude in Decimal Degrees: -71.18252
Permit Type Desc: Not reported
Program System Acronym: MA0000002511900867
Facility NAICS Code: 811121
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1000238818
Region Code: 01
Programmatic ID: AIR MA0000002511900867
Facility Registry ID: 110008416794
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 01
Programmatic ID: AIR MA0000002511900867
Facility Registry ID: 110008416794
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-05-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

ALPHA AUTO BODY (Continued) **1000238818**

Activity Status: Not reported

Region Code: 01
Programmatic ID: AIR MA0000002511900867
Facility Registry ID: 110008416794
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 01
Programmatic ID: AIR MA0000002511900867
Facility Registry ID: 110008416794
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-05-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 01
Programmatic ID: AIR MA0000002511900867
Facility Registry ID: 110008416794
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-10-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 01
Programmatic ID: AIR MA0000002511900867
Facility Registry ID: 110008416794
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-03-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 01
Programmatic ID: AIR MA0000002511900867
Facility Registry ID: 110008416794
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-19 00:00:00

ALPHA AUTO BODY (Continued) **1000238818**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	01
Programmatic ID:	AIR MA0000002511900867
Facility Registry ID:	110008416794
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2001-11-29 00:00:00
Activity Status Date:	2001-11-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

FINDS:
Registry ID: 110008416794

Click Here:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR EMISSIONS CLASSIFICATION UNKNOWN
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MA-EPICS - Massachussetts Environmental Protection Integrated Computer System
AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000238818
Registry ID:	110008416794
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008416794
Name:	ALPHA AUTO BODY
Address:	30 PARK AVE
City,State,Zip:	ARLINGTON, MA 02476

W124 **SUNSHINE CLEANERS** **RCRA-VSQG** **1000347632**
WNW **40 PARK AVE** **MA SHWS** **MAD980667422**
1/2-1 **ARLINGTON, MA 02476** **MA RELEASE**
0.879 mi. **MA ENF**
4641 ft. **Site 1 of 2 in cluster W** **MA HW GEN**

Relative: **Higher**
Actual: **149 ft.**

RCRA-VSQG:

Date Form Received by Agency:		2019-07-08 00:00:00.0
Handler Name:	SUNSHINE CLEANERS	
Handler Address:		40 PARK AVE
Handler City,State,Zip:		ARLINGTON, MA 02476
EPA ID:		MAD980667422
Contact Name:		KATHY LIANG
Contact Address:		PARK AVE
Contact City,State,Zip:		ARLINGTON, MA 02476
Contact Telephone:		617-710-5093
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		01
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		MA
State District:		NE
Mailing Address:		PARK AVE
Mailing City,State,Zip:		ARLINGTON, MA 02476
Owner Name:		KATHY LIANG
Owner Type:		Private
Operator Name:		SUNSHINE CLEANERS
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-08 15:53:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UTOPIA CLEANER CORP

SUNSHINE CLEANERS (Continued) **1000347632**

Legal Status:	Private
Date Became Current:	1990-03-01 00:00:00.
Date Ended Current:	1991-06-30 00:00:00.
Owner/Operator Address:	40 PARK AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02174
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUNSHINE CLEANERS
Legal Status:	Private
Date Became Current:	2019-07-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	40 PARK AVE
Owner/Operator City,State,Zip:	ARLINGTON, MA 02476
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KATHY LIANG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 MYSTIC STREET
Owner/Operator City,State,Zip:	ARLINGTON, MA 02474
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1983-02-11 00:00:00.0
Handler Name: UTOPIA CLEANER CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-07-08 00:00:00.0
Handler Name: SUNSHINE CLEANERS	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	MA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

SUNSHINE CLEANERS (Continued) **1000347632**

Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1991-08-07 00:00:00.0
Actual Return to Compliance Date: 1991-09-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1991-09-23 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1991-08-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R1
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 1995-11-16 00:00:00.0
Actual Return to Compliance Date: 1996-02-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1996-01-31 00:00:00.0
Enforcement Identifier: 000

SUNSHINE CLEANERS (Continued) **1000347632**

Date of Enforcement Action: 1995-12-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 9131-2
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: KRAMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 1995-11-16 00:00:00.0
Actual Return to Compliance Date: 1996-02-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1996-01-31 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1995-12-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 9131-2
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: KRAMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1991-05-03 00:00:00.0
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-07-22 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1991-06-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R1
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R1
Enforcement Responsible Sub-Organization:	NE
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1991-05-03 00:00:00.0
Actual Return to Compliance Date: 1991-09-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1991-07-22 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1991-06-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R1
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 1995-11-16 00:00:00.0
Actual Return to Compliance Date: 1996-02-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1996-01-31 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1995-12-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 9131-2
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: KRAMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 1995-11-16 00:00:00.0
Actual Return to Compliance Date: 1996-02-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1996-01-31 00:00:00.0
Enforcement Identifier: 000

SUNSHINE CLEANERS (Continued) **1000347632**

Date of Enforcement Action:	1995-12-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	9131-2
Enforcement Attorney:	R1
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	KRAMA
Enforcement Responsible Sub-Organization:	NE
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1991-08-07 00:00:00.0
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-09-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1991-08-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R1
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R1
Enforcement Responsible Sub-Organization:	NE
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1991-05-03 00:00:00.0
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-07-22 00:00:00.0
Enforcement Identifier:	000

SUNSHINE CLEANERS (Continued) **1000347632**

Date of Enforcement Action: 1991-06-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R1
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 1995-11-16 00:00:00.0
Actual Return to Compliance Date: 1996-02-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1996-01-31 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1995-12-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 9131-2
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: KRAMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 1995-11-16 00:00:00.0
Actual Return to Compliance Date: 1996-02-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1996-01-31 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1995-12-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 9131-2
Enforcement Attorney: R1
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: KRAMA
Enforcement Responsible Sub-Organization: NE
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 1995-11-16 00:00:00.0
Actual Return to Compliance Date: 1996-02-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1996-01-31 00:00:00.0
Enforcement Identifier: 000

SUNSHINE CLEANERS (Continued) **1000347632**

Date of Enforcement Action:	1995-12-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	9131-2
Enforcement Attorney:	R1
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	KRAMA
Enforcement Responsible Sub-Organization:	NE
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1991-08-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R1
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Scheduled Compliance Date:	1991-09-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1996-02-07 00:00:00.0
Scheduled Compliance Date:	1996-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-11-16 00:00:00.0

SUNSHINE CLEANERS (Continued) **1000347632**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1996-02-07 00:00:00.0
Scheduled Compliance Date:	1996-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-05-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R1
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Scheduled Compliance Date:	1991-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-02-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-05-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R1
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Scheduled Compliance Date:	1991-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE

SUNSHINE CLEANERS (Continued) **1000347632**

Actual Return to Compliance Date:	1996-02-07 00:00:00.0
Scheduled Compliance Date:	1996-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1996-02-07 00:00:00.0
Scheduled Compliance Date:	1996-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-08-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R1
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Scheduled Compliance Date:	1991-09-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R1
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1991-09-27 00:00:00.0
Scheduled Compliance Date:	1991-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

Former Citation:	Not reported
Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1996-02-07 00:00:00.0
Scheduled Compliance Date:	1996-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1996-02-07 00:00:00.0
Scheduled Compliance Date:	1996-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KRAMA
Evaluation Responsible Sub-Organization:	NE
Actual Return to Compliance Date:	1996-02-07 00:00:00.0
Scheduled Compliance Date:	1996-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	UTOPIA DRY CLEANERS
Address:	40 PARK AVE
City,State,Zip:	ARLINGTON, MA 02174
Facility ID:	3-0003838
Source Type:	DRUMS
Release Town:	ARLINGTON
Notification Date:	01/15/1992
Category:	NONE
Associated ID:	Not reported
Current Status:	RAO
Status Date:	08/10/1997
Phase:	PHASE IV
Response Action Outcome:	C1
Oil Or Haz Material:	Not reported

SUNSHINE CLEANERS (Continued) **1000347632**

Name: UTOPIA DRY CLEANERS
Address: 40 PARK AVE
City,State,Zip: ARLINGTON, MA 02174
Facility ID: 3-0003838
Source Type: UNKNOWN
Release Town: ARLINGTON
Notification Date: 01/15/1992
Category: NONE
Associated ID: Not reported
Current Status: RAO
Status Date: 08/10/1997
Phase: PHASE IV
Response Action Outcome: C1
Oil Or Haz Material: Not reported

Release:
Name: UTOPIA DRY CLEANERS
Address: 40 PARK AVE
City,State,Zip: ARLINGTON, MA 02174
Release Tracking Number/Current Status: 3-0003838 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 01/15/1992
Category: NONE
Status Date: 08/10/1997
Phase: PHASE IV
Response Action Outcome: C1 - C1
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 1/15/1992
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 1/21/2021
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 1/22/2021
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 1/4/2021
Response Action Outcome: C1

Action Type: An activity type that is related to an Audit
Action Status: NOA
Action Date: 1/5/2009
Response Action Outcome: C1

SUNSHINE CLEANERS (Continued) **1000347632**

Action Type: FTLI
Action Status: APPACC
Action Date: 10/30/2013
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPDEN
Action Date: 12/1/2015
Response Action Outcome: C1

Action Type: FTLI
Action Status: Action Status or AUL Terminated
Action Date: 12/1/2015
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 12/15/2009
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 12/20/2012
Response Action Outcome: C1

Action Type: An activity type that is related to an Audit
Action Status: Notice of Non-compliance related to an Audit
Action Date: 2/10/2009
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Level I - Technical Screen Audit
Action Date: 2/4/2021
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 3/10/1997
Response Action Outcome: C1

Action Type: TREGS
Action Status: LSPFA
Action Date: 3/31/1994
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 3/31/1994
Response Action Outcome: C1

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 3/4/2008
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only

SUNSHINE CLEANERS (Continued) **1000347632**

Action Date: 4/1/1994
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 4/12/1996
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/16/1996
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: RMRINI
Action Date: 5/27/2021
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 5/27/2021
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 5/27/2021
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 5/28/2009
Response Action Outcome: C1

Action Type: Compliance and Enforcement Action
Action Status: NON-A
Action Date: 5/8/2008
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 6/16/2016
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 6/24/2015
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 6/29/2012
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 7/18/2011
Response Action Outcome: C1

SUNSHINE CLEANERS (Continued) **1000347632**

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 7/26/1994
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 7/26/2016
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 7/6/2018
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 7/8/2013
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 7/8/2014
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO
Action Status: Periodic Review Opinion Evaluating Temp Solution
Action Date: 8/1/2008
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 8/10/1997
Response Action Outcome: C1

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 8/10/1997
Response Action Outcome: C1

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 8/10/1997
Response Action Outcome: C1

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 8/10/1997
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 8/14/2018
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC

SUNSHINE CLEANERS (Continued) **1000347632**

Action Date: 8/22/2019
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 8/3/2011
Response Action Outcome: C1

Action Type: Release Abatement Measure
Action Status: Status or Interim Report Received
Action Date: 9/10/1996
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 9/12/2014
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 9/20/2010
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPACC
Action Date: 9/27/2019
Response Action Outcome: C1

Action Type: FTLI
Action Status: APPREC
Action Date: 9/9/2010
Response Action Outcome: C1

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported
Location Type: COMMERCIAL
Source: DRUMS
Source: UNKNOWN

ENFORCEMENT:
Name: STANLEY KRITSEPIS AS TRUSTEE OF T&K REALTY TRUST
Address: 40 PARK AVE
City,State,Zip: ARLINGTON, MA 02174
Region: NERO
DEP Region: NERO
DEP Program: 3a
DEP Bureau: BWSC
Program: BWSC
Program Id: 3-0003838
High Or Low Level Enforcement: LLE
FMF #: 0
Comptroller Billing Name: Not reported
Town Where Violation Occurred: Not reported
Date Executed: 05/08/2008
ENF #: NON-NE-08-3A030A

SUNSHINE CLEANERS (Continued) **1000347632**

Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name:	T&K REALTY TRUST
Address:	40 PARK AVE
City,State,Zip:	ARLINGTON, MA 02174
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003838
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	02/10/2009
ENF #:	NON-NE-09-3A008
Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name:	STANLEY KRITSEPIS AS TRUSTEE OF T&K REALTY TRUST
Address:	40 PARK AVE
City,State,Zip:	ARLINGTON, MA 02174
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0003838
High Or Low Level Enforcement:	LLE

SUNSHINE CLEANERS (Continued) **1000347632**

FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	03/04/2008
ENF #:	NON-NE-08-3A030
Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

HW GEN:

Name:	SUNSHINE CLEANERS
Address:	40 PARK AVE
City,State,Zip:	ARLINGTON, MA 02476
EPA Id:	MAD980667422
RCRA Generator Status:	VSQG
State Generator Status:	VQG-MA

V125 **ROWSELLS WELDING** **MA SHWS** **S100828090**
WNW **1 AND 9R PARK AVE** **MA RELEASE** **N/A**
1/2-1 **ARLINGTON, MA 02174**
0.880 mi.
4645 ft. **Site 3 of 3 in cluster V**

Relative: Higher

Actual: 164 ft.

SHWS:

Name:	ROWSELLS WELDING
Address:	1 AND 9R PARK AVE
City,State,Zip:	ARLINGTON, MA 02174
Facility ID:	3-0000212
Source Type:	UNCONTAIN
Release Town:	ARLINGTON
Notification Date:	08/02/1985
Category:	NONE
Associated ID:	Not reported
Current Status:	RAO
Status Date:	05/21/2004
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Oil

Release:

Name:	ROWSELLS WELDING
Address:	1 AND 9R PARK AVE
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0000212 / RAO
Primary ID:	Not reported

ROWSELLS WELDING (Continued) **S100828090**

Official City:	ARLINGTON
Notification:	08/02/1985
Category:	NONE
Status Date:	05/21/2004
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RAO - DEP Lead
Action Status:	RAO Statement Received
Action Date:	5/21/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	8/2/1985
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/2/1985
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical:	PETROLEUM
Quantity:	Not reported
Location Type:	JUNKYARD
Source:	UNCONTAIN

W126 **ARLINGTON COAL & LUMBER CO** **MA SHWS U003000491**
WNW **41 PARK AVE** **MA UST N/A**
1/2-1 **ARLINGTON, MA 02476** **MA RELEASE**
0.886 mi.
4676 ft. **Site 2 of 2 in cluster W**

Relative: Higher
Actual: 150 ft.

SHWS:

Name:	ARLINGTON COAL & LUMBER
Address:	41 PARK AVE
City,State,Zip:	ARLINGTON, MA 02174
Facility ID:	3-0000489
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	01/15/1987
Category:	NONE
Associated ID:	Not reported
Current Status:	DEPNDS
Status Date:	05/08/1996
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Not reported

ARLINGTON COAL & LUMBER CO (Continued) **U003000491**

UST:

Facility:

Name:	ARLINGTON COAL & LUMBER CO
Address:	41 PARK AVE
City,State,Zip:	ARLINGTON, MA 02476
Facility ID:	243
Owner Id:	400
Owner:	ARLINGTON COAL & LUMBER CO
Owner Address:	41 PARK AVE
Owner City,St,Zip:	ARLINGTON, MA 02476
Telephone:	Not reported
Description:	Non-Retail Motor Vehicle
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.42492
Longitude:	-71.18266
Contact name:	Not reported
Contact address1:	Not reported
Contact address2:	Not reported
Contact city:	Not reported
Contact state:	Not reported
Contact zip:	Not reported
Contact email:	Not reported
Update:	2005-11-10 00:00:00
Update by:	Not reported
Fac status:	CLOSED

Tank ID:	1
Tank Status:	**Tank Removed**
Status Date:	09/01/1986
Date Installed:	05/27/1946
Capacity:	1000.00000
Contents:	Unregulate
Tank Usage:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank construct:	Not reported
Pipe construct:	Not reported
Ptype:	Not reported
Number of compartment:	Not reported
Pipe install date:	Not reported
Pipe leak install date:	Not reported
Submersible sump:	N
Submersible sump install date:	Not reported
Turbine sump:	N
Turbine sump sensor:	N
Intermediate sump:	N
Intermediate sump sensor:	N
Spill bucket installed date:	Not reported
Spill bucket sensor:	N
Overfill protect install:	Not reported
Overfill protect type:	Not reported
Automatic line leak detect:	Not reported

ARLINGTON COAL & LUMBER CO (Continued) **U003000491**

Tank corrosion type: Not reported
Leak corrosion type: Not reported

Release:

Name:	ARLINGTON COAL & LUMBER
Address:	41 PARK AVE
City,State,Zip:	ARLINGTON, MA 02174
Release Tracking Number/Current Status:	3-0000489 / DEPNDS
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/15/1987
Category:	NONE
Status Date:	05/08/1996
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	1/15/1987
Response Action Outcome:	Not reported

Action Type:	TREGS
Action Status:	DEPNDS
Action Date:	5/8/1996
Response Action Outcome:	Not reported

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported
Location Type:	COMMERCIAL

127
ESE
1/2-1
0.889 mi.
4693 ft.

NO LOCATION AID **MA SHWS** **S102086448**
305 BROADWAY **MA RELEASE** **N/A**
ARLINGTON, MA 02474

Relative:
Lower

Actual:
31 ft.

SHWS:

Name:	NO LOCATION AID
Address:	305 BROADWAY
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0012170
Source Type:	VEHICLE
Release Town:	ARLINGTON
Notification Date:	02/13/1995
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	04/02/2004
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Oil

NO LOCATION AID (Continued) **S102086448**

Release:

Name:	NO LOCATION AID
Address:	305 BROADWAY
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0012170 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	02/13/1995
Category:	TWO HR
Status Date:	04/02/2004
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	2/13/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	2/13/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/21/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/3/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RAO - DEP Lead
Action Status:	RAO Statement Received
Action Date:	4/2/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical:	DIESEL FUEL
Quantity:	25 gallons
Location Type:	COMMERCIAL
Source:	VEHICLE

128
WNW
1/2-1
0.907 mi.
4788 ft.

COVENTRY BUILDERS, LLC
19 REAR PARK AVE
ARLINGTON, MA

MA SHWS **S106954007**
MA RELEASE **N/A**
MA ENF

Relative:
Higher

Actual:
161 ft.

SHWS:

Name:	NO LOCATION AID
Address:	19 REAR PARK AVE
City,State,Zip:	ARLINGTON, MA
Facility ID:	3-0024864
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	05/16/2005
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	07/27/2012
Phase:	PHASE IV
Response Action Outcome:	TF
Oil Or Haz Material:	Hazardous Material

Release:

Name:	NO LOCATION AID
Address:	19 REAR PARK AVE
City,State,Zip:	ARLINGTON, MA
Release Tracking Number/Current Status:	3-0024864 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	05/16/2005
Category:	TWO HR
Status Date:	07/27/2012
Phase:	PHASE IV
Response Action Outcome:	TF - TF
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/17/2020
Response Action Outcome:	TF
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/2/2020
Response Action Outcome:	TF
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/28/2020
Response Action Outcome:	TF
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/4/2017
Response Action Outcome:	TF

COVENTRY BUILDERS, LLC (Continued) **S106954007**

Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	10/27/2005
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/14/2005
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/14/2008
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/14/2009
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/16/2007
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/19/2010
Response Action Outcome:	TF
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	11/25/2008
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/9/2006
Response Action Outcome:	TF
Action Type:	Phase 4
Action Status:	Modified Revised or Updated Plan Received
Action Date:	12/17/2019
Response Action Outcome:	TF
Action Type:	Phase 4
Action Status:	Status or Interim Report Received
Action Date:	12/18/2020
Response Action Outcome:	TF
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	12/8/2011
Response Action Outcome:	TF
Action Type:	Phase 3
Action Status:	Completion Statement Received

COVENTRY BUILDERS, LLC (Continued) **S106954007**

Action Date: 2/17/2009
Response Action Outcome: TF

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/27/2017
Response Action Outcome: TF

Action Type: Response Action Outcome - RAO
Action Status: Inspection and Monitoring Report Received
Action Date: 3/2/2018
Response Action Outcome: TF

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/16/2020
Response Action Outcome: TF

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 4/19/2012
Response Action Outcome: TF

Action Type: Phase 2
Action Status: Level I - Technical Screen Audit
Action Date: 4/26/2012
Response Action Outcome: TF

Action Type: Response Action Outcome - RAO
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 4/28/2010
Response Action Outcome: TF

Action Type: PIP
Action Status: Written Plan Received
Action Date: 4/3/2018
Response Action Outcome: TF

Action Type: PIP
Action Status: Public Involvement Petition Received
Action Date: 4/3/2018
Response Action Outcome: TF

Action Type: PIP
Action Status: PIPDLY
Action Date: 4/3/2018
Response Action Outcome: TF

Action Type: PIP
Action Status: Public Comment Period Initiated on Submittal
Action Date: 4/3/2018
Response Action Outcome: TF

Action Type: PIP
Action Status: PIPMTG
Action Date: 4/3/2018
Response Action Outcome: TF

COVENTRY BUILDERS, LLC (Continued) **S106954007**

Action Type: PIP
Action Status: PLANDT
Action Date: 4/3/2018
Response Action Outcome: TF

Action Type: Tier Classification
Action Status: TCTRAN
Action Date: 4/4/2017
Response Action Outcome: TF

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 4/6/2006
Response Action Outcome: TF

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/10/2007
Response Action Outcome: TF

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 5/11/2006
Response Action Outcome: TF

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/15/2009
Response Action Outcome: TF

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 5/15/2009
Response Action Outcome: TF

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/16/2005
Response Action Outcome: TF

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/16/2005
Response Action Outcome: TF

Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 5/3/2012
Response Action Outcome: TF

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/31/2005
Response Action Outcome: TF

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received

COVENTRY BUILDERS, LLC (Continued) **S106954007**

Action Date: 5/5/2006
Response Action Outcome: TF

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/7/2010
Response Action Outcome: TF

Action Type: RLFA
Action Status: FOLFLD
Action Date: 5/7/2012
Response Action Outcome: TF

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 5/8/2006
Response Action Outcome: TF

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 5/8/2006
Response Action Outcome: TF

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 5/8/2006
Response Action Outcome: TF

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/9/2012
Response Action Outcome: TF

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/18/2012
Response Action Outcome: TF

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/2/2005
Response Action Outcome: TF

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 6/25/2012
Response Action Outcome: TF

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 6/6/2011
Response Action Outcome: TF

Action Type: Phase 4
Action Status: Status or Interim Report Received
Action Date: 7/10/2020
Response Action Outcome: TF

COVENTRY BUILDERS, LLC (Continued) **S106954007**

Action Type:	PIP
Action Status:	PLANDT
Action Date:	7/12/2019
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	7/18/2005
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	7/18/2005
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/18/2008
Response Action Outcome:	TF
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	7/23/2008
Response Action Outcome:	TF
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/27/2012
Response Action Outcome:	TF
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	7/29/2017
Response Action Outcome:	TF
Action Type:	Tier Classification
Action Status:	TCEXT
Action Date:	7/29/2017
Response Action Outcome:	TF
Action Type:	Response Action Outcome - RAO
Action Status:	Periodic Review Opinion Evaluating Temp Solution
Action Date:	7/29/2017
Response Action Outcome:	TF
Action Type:	PIP
Action Status:	PIPMTG
Action Date:	7/3/2019
Response Action Outcome:	TF
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	7/31/2018
Response Action Outcome:	TF
Action Type:	BOL
Action Status:	SHPFAC

COVENTRY BUILDERS, LLC (Continued) **S106954007**

Action Date: 7/7/2020
Response Action Outcome: TF

Action Type: BOL
Action Status: SHPFAC
Action Date: 7/8/2020
Response Action Outcome: TF

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/10/2005
Response Action Outcome: TF

Action Type: Immediate Response Action
Action Status: Written Approval of Plan
Action Date: 8/22/2005
Response Action Outcome: TF

Action Type: RLFA
Action Status: FLDD1A
Action Date: 8/3/2005
Response Action Outcome: TF

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 9/10/2008
Response Action Outcome: TF

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/12/2005
Response Action Outcome: TF

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/12/2005
Response Action Outcome: TF

Chemicals:
Chemical: PCB
Quantity: 19.6 milligrams per kilogram
Location Type: INDUSTRIAL
Source: UNKNOWN

ENFORCEMENT:
Name: COVENTRY BUILDERS LLC
Address: 19 REAR PARK AVE
City,State,Zip: ARLINGTON, MA
Region: NERO
DEP Region: NERO
DEP Program: 3r
DEP Bureau: BWSC
Program: BWSC
Program Id: 3-0024864
High Or Low Level Enforcement: HLE
FMF #: 0

COVENTRY BUILDERS, LLC (Continued) **S106954007**

Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	ARLINGTON
Date Executed:	06/25/2012
ENF #:	ACOP-NE-12-3R004
Document Type:	ACOP
AG Ref (Y/N):	NO
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	3-0024864
Final Payment Due Date:	07/30/2013
ACOP $:	3000
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	27000
Ownership:	Commercially Owned

Name:	COVENTRY BUILDERS LLC
Address:	19 REAR PARK AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3a
DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0024864
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	12/08/2011
ENF #:	NON-NE-11-3A105
Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	NO
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

Name:	COVENTRY BUILDERS, LLC
Address:	19 REAR PARK AVE
City,State,Zip:	ARLINGTON, MA
Region:	NERO
DEP Region:	NERO
DEP Program:	3c

COVENTRY BUILDERS, LLC (Continued) **S106954007**

DEP Bureau:	BWSC
Program:	BWSC
Program Id:	3-0024864
High Or Low Level Enforcement:	LLE
FMF #:	0
Comptroller Billing Name:	Not reported
Town Where Violation Occurred:	Not reported
Date Executed:	09/10/2008
ENF #:	NON-NE-08-3C012
Document Type:	NON
AG Ref (Y/N):	Not reported
Doc Archived (Y/N):	Not reported
EJ Community (Y/N):	Not reported
Regional Comment:	Not reported
Final Payment Due Date:	Not reported
ACOP $:	Not reported
PAN $:	Not reported
EMS (Y/N):	Not reported
EMS$:	Not reported
SEP (Y/N):	Not reported
SEP $:	Not reported
Demand $:	Not reported
Suspended $:	Not reported
Ownership:	Commercially Owned

129
West
1/2-1
0.968 mi.
5109 ft.

18 CLAREMONT AVENUE
18 CLAREMONT AVENUE
ARLINGTON, MA 02476

MA SHWS **S119938533**
MA LAST **N/A**
MA RELEASE
MA ASBESTOS

Relative:
Higher

Actual:
264 ft.

SHWS:

Name:	18 CLAREMONT AVENUE
Address:	18 CLAREMONT AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0036611
Source Type:	UNKNOWN
Release Town:	ARLINGTON
Notification Date:	11/13/2020
Category:	120 DY
Associated ID:	Not reported
Current Status:	UNCLSS
Status Date:	11/13/2020
Phase:	Not reported
Response Action Outcome:	Not reported
Oil Or Haz Material:	Oil and Hazardous Material

LAST:

Name:	18 CLAREMONT AVENUE
Address:	18 CLAREMONT AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0036611 / UNCLSS
Source Type:	AST
Release Town:	ARLINGTON
Notification Date:	11/13/2020
Category:	120 DY
Associated ID:	Not reported

18 CLAREMONT AVENUE (Continued) **S119938533**

Status Date: 11/13/2020
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil and Hazardous Material

Chemicals:
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS
Quantity: 786 milligrams per kilogram
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 3590 milligrams per kilogram
Chemical: 2-METHYLNAPHTHALENE
Quantity: 27.2 milligrams per kilogram
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 6160 milligrams per kilogram
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity: 7980 milligrams per kilogram
Chemical: PHENANTHRENE
Quantity: 16.4 milligrams per kilogram
Source: UNKNOWN
Source: AST

Actions:
Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/13/2020
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/13/2020
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/13/2020
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/3/2020
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 6/11/2021
Response Action Outcome: Not reported

Action Type: BOL
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/14/2021
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 6/24/2021
Response Action Outcome: Not reported

18 CLAREMONT AVENUE (Continued) **S119938533**

Release:

Name:	18 CLAREMONT AVENUE
Address:	18 CLAREMONT AVENUE
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0036611 / UNCLSS
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	11/13/2020
Category:	120 DY
Status Date:	11/13/2020
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	11/13/2020
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/13/2020
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	11/13/2020
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/3/2020
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	6/11/2021
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/14/2021
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	6/24/2021
Response Action Outcome:	Not reported

Chemicals:

Chemical:	C9 THRU C10 AROMATIC HYDROCARBONS
Quantity:	786 milligrams per kilogram
Chemical:	C19 THRU C36 ALIPHATIC HYDROCARBONS

18 CLAREMONT AVENUE (Continued) **S119938533**

Quantity:	3590 milligrams per kilogram
Chemical:	2-METHYLNAPHTHALENE
Quantity:	27.2 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	6160 milligrams per kilogram
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	7980 milligrams per kilogram
Chemical:	PHENANTHRENE
Quantity:	16.4 milligrams per kilogram
Source:	UNKNOWN
Source:	AST

ASBESTOS:

Name:	ST ANNE'S
Address:	18 CLAREMONT AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	09/02/2020
End Date:	09/18/2020
Date Entered:	Not reported
Entry Date:	08/18/2020
Quantity Materical Removed SF:	6700
Quantity Material Removed LF:	20
Project Description:	OTHER FLORINGMSTCWINDCLKSNK
AR Tracking ID:	348672
Super Lic Number:	AS000967
Monitor Lic Number:	AM031319
Lab Lic Number:	AA000208
Year:	2020
Sticker Number:	100332487
Form Type:	ANF-001
Fee Status:	HUNDRED
Facility Phone:	7816430921
Sub Town:	Not reported
Worksite:	FLOOR, WINDOWS
Occupied:	0
Contractor:	AC000584
Contract Type:	WRITTEN
Hours:	7AM-3:30PM
Project Type:	Dem
Abatement Process:	Fcontain, oth:WHOLE COMPONENT
Location:	INDOORS
Decon Process:	3 CHAMBER DECON
Disposal Methods:	2X LAYER SIX MIL POLY BAGS AND BUNDLES
Facility Usage:	CHURCH BUILDING
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	0
Owner Name:	ST ANNES
Owner Address:	18 CLAREMONT AVE
Owner City:	ARLINGTON
Owner State:	MA
On Site Manager Name:	JAY NIXON
On Site Manager Phone:	6036411111

18 CLAREMONT AVENUE (Continued) **S119938533**

Ins Comp:	A.I.M.
Policy Number:	001005986
EXP Date:	6/6/2021
Facility Size:	1500
Transporter Name:	ACCOLADE ENVIRONMENTAL CONTRACTING CORP.
Transporter Address:	PO BOX 1256
Transporter City:	PLAISTOW
Transporter State:	NH
Final Site:	Not reported
Certified Name:	GLENN KASABIAN
Cert Sign Date:	08/18/2020
Certified Company:	ACCOLADE
Certified Phone:	6036086545
Entered_by:	ACCOLADE
Name:	GERMAINE LAWRENCE
Address:	18 CLAREMONT AVE
City,State,Zip:	ARLINGTON, MA
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	08/23/2007
End Date:	08/31/2007
Date Entered:	Not reported
Entry Date:	08/15/2007
Quantity Materical Removed SF:	3200.00
Quantity Material Removed LF:	160.00
Project Description:	Corrugated Pipe, LINOLEUM,TILE,MASTIC
AR Tracking ID:	87261
Super Lic Number:	AS061904
Monitor Lic Number:	AA000044
Lab Lic Number:	AA000044
Year:	2007
Sticker Number:	304987
Form Type:	ANF-001
Fee Status:	F
Facility Phone:	(781) 648-6200
Sub Town:	Not reported
Worksite:	LOWER FOYER, ART CLASSROOM, CAFETERIA, GYMNASIUM
Occupied:	-1
Contractor:	AC000035
Contract Type:	Not reported
Hours:	7-330
Project Type:	Not reported
Abatement Process:	Not reported
Location:	Not reported
Decon Process:	3 CHAMBER
Disposal Methods:	WET 2 PLY POLY BAG
Facility Usage:	Not reported
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	Not reported
Owner Name:	GERMAINE LAWRENCE SCHOOL
Owner Address:	18 CLAREMONT AVE
Owner City:	ARLINGTON
Owner State:	MA

18 CLAREMONT AVENUE (Continued) **S119938533**

On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	Not reported
Transporter Name:	SERVICE TRANS
Transporter Address:	58 PYLES LN
Transporter City:	NEW CASTLE
Transporter State:	DE
Final Site:	39
Certified Name:	CRAIG STARKMAN
Cert Sign Date:	Not reported
Certified Company:	Not reported
Certified Phone:	Not reported
Entered_by:	mmitchell

X130 **ARLINGTON SWIFTY PRINTING** **MA SHWS** **S102087582**
WNW **1386 MASSACHUSETTS AVE** **MA INST CONTROL** **N/A**
1/2-1 **ARLINGTON, MA 02476** **MA RELEASE**
0.981 mi. **MA HW GEN**
5180 ft. **Site 1 of 2 in cluster X**

Relative: Higher
Actual: 156 ft.

SHWS:

Name:	NO LOCATION AID
Address:	1386 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Facility ID:	3-0013786
Source Type:	Not reported
Release Town:	ARLINGTON
Notification Date:	05/17/1996
Category:	120 DY
Associated ID:	Not reported
Current Status:	RAO
Status Date:	04/16/2004
Phase:	PHASE II
Response Action Outcome:	B2
Oil Or Haz Material:	Oil

INST CONTROL:

Name:	NO LOCATION AID
Address:	1386 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number:	3-0013786
Action Type:	AUL
Action Stat:	AMEND
Action Date:	08/20/2002
Response Action Outcome:	B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Name:	NO LOCATION AID
Address:	1386 MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number:	3-0013786
Action Type:	AUL
Action Stat:	LEGNOT

ARLINGTON SWIFTY PRINTING (Continued) **S102087582**

Action Date: 10/03/2002
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Name: NO LOCATION AID
Address: 1386 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0013786
Action Type: AUL
Action Stat: RECPT
Action Date: 11/26/1997
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Name: NO LOCATION AID
Address: 1386 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number: 3-0013786
Action Type: AUL
Action Stat: SNAUDI
Action Date: 08/10/2005
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release:
Name: NO LOCATION AID
Address: 1386 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Release Tracking Number/Current Status: 3-0013786 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 05/17/1996
Category: 120 DY
Status Date: 04/16/2004
Phase: PHASE II
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: Partial RAO for this RTN
Action Status: Level I - Technical Screen Audit
Action Date: 1/11/2002
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published
Action Date: 10/3/2002

ARLINGTON SWIFTY PRINTING (Continued) **S102087582**

Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: An activity type that is related to an Audit
Action Status: NAFNVD
Action Date: 10/6/2005
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/26/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 11/26/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/26/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Partial RAO for this RTN
Action Status: Fee Received - FMCRA Use Only
Action Date: 11/28/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Partial RAO for this RTN
Action Status: Fee Not Required - Fee Credited-FMCRA Use Only
Action Date: 12/12/2003
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: An activity type that is related to an Audit
Action Status: Audit Follow-up Completion Statement Received
Action Date: 12/16/2002
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/16/2004
Response Action Outcome: Remedial actions have not been conducted because a level of No

ARLINGTON SWIFTY PRINTING (Continued) **S102087582**

Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 4/19/2001
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Compliance and Enforcement Action
Action Status: DEPRET
Action Date: 5/11/2001
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/17/1996
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/17/1996
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/20/1996
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: An activity type that is related to an Audit
Action Status: NOA
Action Date: 7/14/1999
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RLFA
Action Status: FLDD1U
Action Date: 8/10/2005
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection
Action Date: 8/10/2005
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more

ARLINGTON SWIFTY PRINTING (Continued) **S102087582**

AULs that have been implemented.

Action Type: Activity and Use Limitation
Action Status: Amendment Received or Issued
Action Date: 8/20/2002
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Chemicals:
Chemical: TPH
Quantity: 2670 parts per million

HW GEN:
Name: ARLINGTON SWIFTY PRINTING
Address: 1386 MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 02476
EPA Id: MV7816468700
RCRA Generator Status: VSQG
State Generator Status: Not reported

X131 **FMR ARLINGTON GAS WORKS SITE** **MA SHWS** **S102403685**
WNW **MASSACHUSETTS AVE** **MA RELEASE** **N/A**
1/2-1 **ARLINGTON, MA 02474**
0.986 mi.
5205 ft. **Site 2 of 2 in cluster X**

Relative: Higher

Actual: 150 ft.

SHWS:
Name: FMR ARLINGTON GAS WORKS SITE
Address: MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024740000
Facility ID: 3-0013215
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 01/23/1996
Category: 120 DY
Associated ID: Not reported
Current Status: RAONR
Status Date: 10/17/2000
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Oil and Hazardous Material

Name: KEYSPAN GAS MAIN OPP 1380 MASS AVE
Address: MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Facility ID: 3-0021091
Source Type: Not reported
Release Town: ARLINGTON
Notification Date: 09/05/2001
Category: 120 DY
Associated ID: Not reported
Current Status: RAO
Status Date: 09/05/2001
Phase: Not reported
Response Action Outcome: A2
Oil Or Haz Material: Oil

FMR ARLINGTON GAS WORKS SITE (Continued) **S102403685**

Release:

Name:	FMR ARLINGTON GAS WORKS SITE
Address:	MASSACHUSETTS AVE
City,State,Zip:	ARLINGTON, MA 024740000
Release Tracking Number/Current Status:	3-0013215 / RAONR
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	01/23/1996
Category:	120 DY
Status Date:	10/17/2000
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/23/1996
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	1/23/1996
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	1/25/2006
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	10/17/2000
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Permit Effective Date
Action Date:	10/17/2000
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 1B Classification
Action Date:	12/10/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	12/10/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	12/21/2020
Response Action Outcome:	Not reported

FMR ARLINGTON GAS WORKS SITE (Continued) **S102403685**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/15/1996
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Extension Received
Action Date: 3/19/2006
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 3/28/1996
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/28/1996
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 4/12/2001
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 4/26/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Revised Statement or Transmittal Received
Action Date: 5/25/2000
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 6/26/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 6/27/1997
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via IRA Completion Statement

FMR ARLINGTON GAS WORKS SITE (Continued) **S102403685**

Action Date: 7/15/2005
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Transition Site - Obsolete Status
Action Date: 7/25/1996
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 8/9/2002
Response Action Outcome: Not reported

Chemicals:
Chemical: LEAD
Quantity: 511 parts per million
Chemical: TPH
Quantity: 2500 parts per million
Chemical: CHROMIUM
Quantity: 20500 parts per million

Name: KEYSPAN GAS MAIN OPP 1380 MASS AVE
Address: MASSACHUSETTS AVE
City,State,Zip: ARLINGTON, MA 024760000
Release Tracking Number/Current Status: 3-0021091 / RAO
Primary ID: Not reported
Official City: ARLINGTON
Notification: 09/05/2001
Category: 120 DY
Status Date: 09/05/2001
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/12/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/5/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/5/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

FMR ARLINGTON GAS WORKS SITE (Continued) **S102403685**

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/5/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS
Quantity: 514 parts per million

132
SSW
1/2-1
0.989 mi.
5223 ft.

RUTLEDGE RD SITE
6 RUTLEDGE RD
BELMONT, MA 02178

MA SHWS **S101028761**
MA LAST **N/A**
MA RELEASE
MA SPILLS

Relative:
Higher

Actual:
130 ft.

SHWS:
Name: RUTLEDGE RD SITE
Address: 6 RUTLEDGE RD
City,State,Zip: BELMONT, MA 02178
Facility ID: 3-0000560
Source Type: PIPE
Release Town: BELMONT
Notification Date: 02/24/1986
Category: NONE
Associated ID: Not reported
Current Status: PENNFA
Status Date: 09/29/1994
Phase: Not reported
Response Action Outcome: Not reported
Oil Or Haz Material: Not reported

LAST:
Name: RUTLEDGE RD SITE
Address: 6 RUTLEDGE RD
City,State,Zip: BELMONT, MA 02178
Release Tracking Number/Current Status: 3-0000560 / PENNFA
Source Type: AST
Release Town: BELMONT
Notification Date: 02/24/1986
Category: NONE
Associated ID: Not reported
Status Date: 09/29/1994
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Not reported

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported
Location Type: RESIDNTIAL
Source: PIPE
Source: AST

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/24/1986

RUTLEDGE RD SITE (Continued) **S101028761**

Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 2/24/1986
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: PENNFA
Action Date: 9/29/1994
Response Action Outcome: Not reported

Release:
Name: RUTLEDGE RD SITE
Address: 6 RUTLEDGE RD
City,State,Zip: BELMONT, MA 02178
Release Tracking Number/Current Status: 3-0000560 / PENNFA
Primary ID: Not reported
Official City: BELMONT
Notification: 02/24/1986
Category: NONE
Status Date: 09/29/1994
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/24/1986
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 2/24/1986
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: PENNFA
Action Date: 9/29/1994
Response Action Outcome: Not reported

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported
Location Type: RESIDNTIAL
Source: PIPE
Source: AST

MA Spills:
Facility ID: 0000 Spill ID: N85-0027
Staff Lead: BRACZYK Date Entered: Not reported

RUTLEDGE RD SITE (Continued) **S101028761**

Last Entered:	Not reported	First Response:	Not reported
Spill Date:	19851221	Spill Time:	Not reported
Report Date:	Not reported	Report Time:	Not reported
Case Closed:	YES	Mat Type:	Not reported
Virgin Waste:	Not reported	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	#2 FUEL OIL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	Not reported
Qty Reported:	Not reported	Qty Actual:	Not reported
CAS No:	Not reported	PCB Lev (ppm):	Not reported
Source:	Not reported	Other Source:	Not reported
Incident:	Not reported	Other Incdnt:	Not reported
Cleanup Type:	Not reported	Contractor:	Not reported
Referral:	Not reported	LUST Elig:	Not reported
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	1		

133
ESE
1/2-1
0.992 mi.
5240 ft.

UTILITY POLE # 863/2 **MA SHWS S107678436**
NEAR 10 POND LN **MA RELEASE N/A**
ARLINGTON, MA 02476

Relative:
Lower

Actual:
29 ft.

SHWS:

Name:	UTILITY POLE # 863/2
Address:	NEAR 10 POND LN
City,State,Zip:	ARLINGTON, MA 024760000
Facility ID:	3-0025750
Source Type:	TRANSFORM
Release Town:	ARLINGTON
Notification Date:	03/22/2006
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	04/04/2006
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Oil

Release:

Name:	UTILITY POLE # 863/2
Address:	NEAR 10 POND LN
City,State,Zip:	ARLINGTON, MA 024760000
Release Tracking Number/Current Status:	3-0025750 / RAO
Primary ID:	Not reported
Official City:	ARLINGTON
Notification:	03/22/2006
Category:	TWO HR
Status Date:	04/04/2006
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

UTILITY POLE # 863/2 (Continued) **S107678436**

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	3/22/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/22/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/10/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	4/4/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	4/4/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical:	MODF
Quantity:	35 gallons
Chemical:	MODF NON PCB
Quantity:	35 gallons
Location Type:	ROADWAY
Location Type:	RESIDNTIAL
Source:	TRANSFORM

134
South
1/2-1
0.995 mi.
5253 ft.

RTE 60/RTE 2
RTE 60
BELMONT, MA 02478

MA SHWS **S103811545**
MA RELEASE **N/A**

Relative:
Lower

Actual:
39 ft.

SHWS:

Name:	RTE 60/RTE 2
Address:	RTE 60
City,State,Zip:	BELMONT, MA 024780000
Facility ID:	3-0011938
Source Type:	DRUMS
Release Town:	BELMONT
Notification Date:	12/07/1994
Category:	TWO HR

RTE 60/RTE 2 (Continued) **S103811545**

Associated ID:	Not reported
Current Status:	RAO
Status Date:	03/25/2004
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Hazardous Material
Name:	RTE 60/RTE 2
Address:	RTE 60
City,State,Zip:	BELMONT, MA 024780000
Facility ID:	3-0011938
Source Type:	VEHICLE
Release Town:	BELMONT
Notification Date:	12/07/1994
Category:	TWO HR
Associated ID:	Not reported
Current Status:	RAO
Status Date:	03/25/2004
Phase:	Not reported
Response Action Outcome:	A1
Oil Or Haz Material:	Hazardous Material

Release:

Name:	RTE 60/RTE 2
Address:	RTE 60
City,State,Zip:	BELMONT, MA 024780000
Release Tracking Number/Current Status:	3-0011938 / RAO
Primary ID:	Not reported
Official City:	BELMONT
Notification:	12/07/1994
Category:	TWO HR
Status Date:	03/25/2004
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/23/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	12/7/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/7/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced

RTE 60/RTE 2 (Continued) **S103811545**

to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/13/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/9/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RAO - DEP Lead
Action Status: RAO Statement Received
Action Date: 3/25/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:
Chemical: SULFURIC ACID
Quantity: Not reported
Chemical: LEAD
Quantity: 1200 pounds
Location Type: ROADWAY
Source: VEHICLE
Source: DRUMS

Count: 9 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ARLINGTON	S106030071	NO LOCATION AID	39 HOSPITAL RD	02474	MA SHWS, MA LUST, MA RELEASE
ARLINGTON	S105200113	NO LOCATION AID	HOSPITAL RD	02474	MA LUST, MA RELEASE
ARLINGTON	S109613063	STREET INTERSECTION	MYSTIC AND CHESTNUT STS	02474	MA SHWS, MA RELEASE
ARLINGTON	S126024555	ROADWAY UTILITY VAULT	MYSTIC STREET ADJ 354	02474	MA SHWS, MA RELEASE
ARLINGTON	S123244327	NO LOCATION AID	2 OLD COLONY WAY		MA SHWS, MA RELEASE
ARLINGTON	S102086574	NEAR WILDWOOD APTS	PLEASANT ST	02474	MA SHWS, MA RELEASE
ARLINGTON	S112288353	ROBINHOOD COURT	ROBINHOOD COURT		MA SHWS, MA RELEASE
ARLINGTON	S109330125	ARLINGTON SUMMER STREET LANDFILL	SUMMER ST	02474	MA SWF/LF
BELMONT	S108476955	BRIGHTON ST. INTERSECTION	PLEASANT ST	02478	MA SHWS, MA RELEASE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/05/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Site Transition List

Contains information on releases of oil and hazardous materials that have been reported to DEP.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 07/07/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/14/2020
Date Data Arrived at EDR: 04/03/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 76

Source: Department of Environmental Protection
Telephone: 617-292-5989
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Annually

LF PROFILES: Landfill Profiles Listing

This spreadsheet describes landfills that have actively accepted waste or have closed under MassDEP Solid Waste Regulations first adopted in 1971 (310 CMR 16.00 and 310 CMR 19.00). The list does not include landfills that closed before 1971 (and which never had a MassDEP permit or approval), or for which agency data is incomplete.

Date of Government Version: 07/01/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 12/14/2015
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 617-292-5868
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing

Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 07/07/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Sites
Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 07/07/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 83
Source: Department of Environmental Protection
Telephone: 617-292-5500
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

UST: Summary Listing of all the Tanks Registered in the State of Massachusetts
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 08/16/2021
Number of Days to Update: 25
Source: Department of Fire Services, Office of the Public Safety
Telephone: 617-556-1035
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

AST 2: Aboveground Storage Tanks
Aboveground storage tanks

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 80
Source: Department of Fire Services
Telephone: 978-567-3181
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

AST: Aboveground Storage Tank Database
Registered Aboveground Storage Tanks.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 04/14/2021
Date Made Active in Reports: 06/30/2021
Number of Days to Update: 77
Source: Department of Public Safety
Telephone: 617-556-1035
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites With Activity and Use Limitation

Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 07/07/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Completed Brownfields Covenants Listing

Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E.

Date of Government Version: 04/05/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 68

Source: Office of the Attorney General
Telephone: 617-963-2423
Last EDR Contact: 07/30/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Annually

BROWNFIELDS 2: Potential Brownfields Listing
A listing of potential brownfields site locations in the state.

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 01/29/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 82
Source: Department of Environmental Protection
Telephone: 617-556-1007
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contaminated Sites Listing
Detection of Per- and Polyfluoroalkyl Substances (PFAS) in drinking water.

Date of Government Version: 06/24/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 85
Source: Department of Environmental Protection
Telephone: 617-292-6770
Last EDR Contact: 09/28/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

Local Land Records

LIENS: Liens Information Listing
A listing of environmental liens.

Date of Government Version: 03/07/2018
Date Data Arrived at EDR: 03/09/2018
Date Made Active in Reports: 06/21/2018
Number of Days to Update: 104
Source: Department of Environmental Protection
Telephone: 617-292-5628
Last EDR Contact: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/13/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

MA SPILLS: Historical Spill List

The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993
Date Data Arrived at EDR: 12/03/2003
Date Made Active in Reports: 12/31/2003
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5720
Last EDR Contact: 12/03/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 07/07/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/08/2013
Number of Days to Update: 36

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/10/1998
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/05/2013
Number of Days to Update: 61

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/04/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 87

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/19/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/03/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/12/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (617) 918-1111
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 81

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 04/09/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/30/2021
Number of Days to Update: 78

Source: Department of Environmental Protection
Telephone: 617-292-5789
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 85

Source: Department of Environmental Protection
Telephone: 617-292-5982
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

DRYCLEANERS: Regulated Drycleaning Facilities

A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 08/16/2021
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 617-292-5633
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Action Cases

A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 04/22/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/09/2021
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 617-292-5979
Last EDR Contact: 07/21/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/01/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/03/2011
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 617-292-5970
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tanks. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 08/16/2021
Number of Days to Update: 25

Source: Office of State Fire Marshal
Telephone: 978-567-3100
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 59

Source: Department of Environmental Protection
Telephone: 617-292-5970
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

GWDP: Ground Water Discharge Permits

The Ground Water Discharge Permits datalayer (formerly known as Groundwater Discharge Points) is a statewide point dataset containing approximate locations of permitted discharges to groundwater.

Date of Government Version: 12/16/2020
Date Data Arrived at EDR: 01/27/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 79

Source: MassGIS
Telephone: 617-556-1150
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

HW GEN: List of Massachusetts Hazardous Waste Generators

Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

Date of Government Version: 06/17/2021
Date Data Arrived at EDR: 06/21/2021
Date Made Active in Reports: 09/13/2021
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 617-292-5500
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Semi-Annually

MERCURY: Mercury Product Recyling Drop-Off Locations Listing

A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

Date of Government Version: 06/22/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/22/2021
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 617-292-5632
Last EDR Contact: 09/28/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

NPDES: NPDES Permit Listing
Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

Date of Government Version: 01/07/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/21/2020
Number of Days to Update: 70
Source: Department of Environmental Protection
Telephone: 508-767-2781
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 29
Source: Massachusetts Emergency Management Agency
Telephone: 508-820-2019
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

TSD: TSD Facility
List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 06/17/2021
Date Data Arrived at EDR: 06/21/2021
Date Made Active in Reports: 09/13/2021
Number of Days to Update: 84
Source: Department of Environmental Protection
Telephone: 617-292-5580
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

UIC: Underground Injection Control Listing
A list of UIC registration data and their locations

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 76
Source: Department of Environmental Protection
Telephone: 617-566-1172
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/28/2021
Number of Days to Update: 78

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: MassDEP
Telephone: 617-292-5907

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

34 DUDLEY STREET
34 DUDLEY STREET
ARLINGTON, MA 02476

TARGET PROPERTY COORDINATES

Latitude (North):	42.420437 - 42° 25' 13.57''
Longitude (West):	71.166122 - 71° 9' 58.04''
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	321783.8
UTM Y (Meters):	4698517.5
Elevation:	80 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5646205 LEXINGTON, MA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

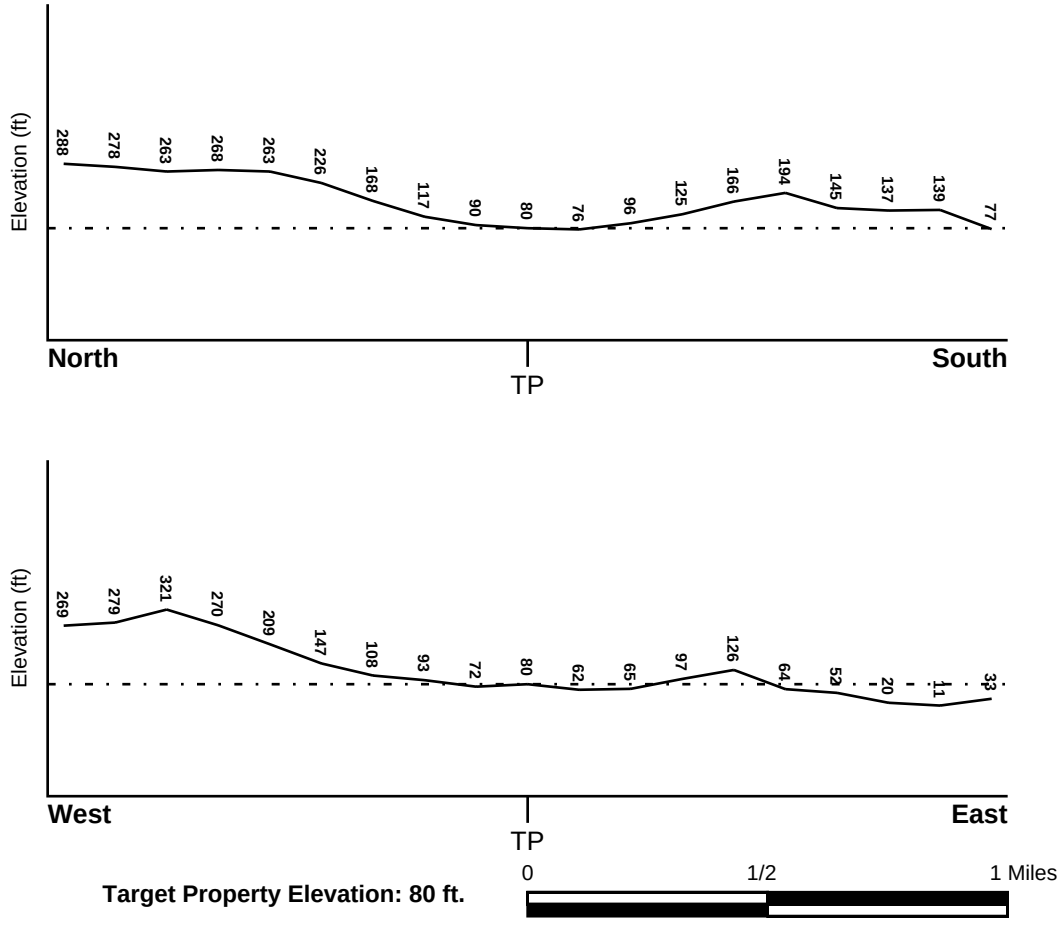
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 80 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
25017C0416E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
25017C0417E	FEMA FIRM Flood data
25017C0418E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LEXINGTON	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B11	1/2 - 1 Mile WNW	S
C12	1/2 - 1 Mile East	E
D16	1/2 - 1 Mile ESE	SW
1G	1/2 - 1 Mile WNW	S
2G	1/2 - 1 Mile East	E
3G	1/2 - 1 Mile ESE	SW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Mississippian
Series:	Paleozoic mafic intrusives
Code:	Pzmi *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam
silt loam
very fine sandy loam

Surficial Soil Types: fine sandy loam
silt loam
very fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: fine sandy loam
channery - silt loam
gravelly - loamy sand
silt loam
loamy fine sand
stratified
gravelly - sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000473824	0 - 1/8 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000473861	1/8 - 1/4 Mile WNW
4	USGS40000473850	1/8 - 1/4 Mile West
A5	USGS40000473771	1/4 - 1/2 Mile SE
6	USGS40000473895	1/4 - 1/2 Mile WNW
9	USGS40000473770	1/4 - 1/2 Mile ESE
B10	USGS40000473916	1/4 - 1/2 Mile WNW
C13	USGS40000473785	1/2 - 1 Mile East
15	USGS40000474086	1/2 - 1 Mile NNW
D17	USGS40000473686	1/2 - 1 Mile ESE
19	USGS40000473947	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	MA9000000004419	1/8 - 1/4 Mile SSW
A7	MA9000000005827	1/4 - 1/2 Mile SE
8	MA9000000005448	1/4 - 1/2 Mile WNW
14	MA9000000005516	1/2 - 1 Mile ESE
18	MA9000000004303	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 6684764.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

- Potentially Productive Aquifers
- Not Potentially Productive Aquifers
- DEP Approved Zone IIs
- EPA Designated Sole Src. Aq.

SITE NAME:	34 Dudley Street	CLIENT:	The Vertex Companies, Inc.	1237 of 1740
ADDRESS:	34 Dudley Street Arlington MA 02476	CONTACT:	Courtney Ciapciak	
LAT/LONG:	42.420437 / 71.166122	INQUIRY #:	6684764.2s	
		DATE:	September 30, 2021 2:39 pm	

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SW
0 - 1/8 Mile
Lower

FED USGS **USGS40000473824**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 16	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1935
Well Depth:	27	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

2
WNW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000473861**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 22	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1956
Well Depth:	32	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

3
SSW
1/8 - 1/4 Mile
Higher

MA WELLS **MA9000000004419**

PWS ID:	Not Reported	Site Name:	Not Reported
Type:	Not Reported	Facility Name:	MIRAK LINCOLN MERCURY NISSAN I
SubBasin:	BOSTON HARBOR		
Basemap:	DOQ	Accuracy Estimate (ft):	100
Feature Type:	CB	Location Method:	PHO
Primary Location Source:	DD_PAR	Secondary Location Source:	AP_DOQ
Tertiary Location Source:	Not Reported	UST ID:	0
Date Mapped:	26-JAN-99		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

4
West
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000473850**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 13	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1938
Well Depth:	125	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

A5
SE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000473771**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKX 1	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1929
Well Depth:	48	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

6
WNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000473895**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 4	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1965
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A7
SE **MA WELLS** **MA9000000005827**
1/4 - 1/2 Mile
Lower

PWS ID:	Not Reported	Site Name:	Not Reported
Type:	Not Reported	Facility Name:	CVS PHARMACY 0278
SubBasin:	BOSTON HARBOR		
Basemap:	DOQ	Accuracy Estimate (ft):	100
Feature Type:	CB	Location Method:	PHO
Primary Location Source:	DD_PAR	Secondary Location Source:	AP_DOQ
Tertiary Location Source:	Not Reported	UST ID:	260
Date Mapped:	17-SEP-14		

8
WNW **MA WELLS** **MA9000000005448**
1/4 - 1/2 Mile
Higher

PWS ID:	Not Reported	Site Name:	Not Reported
Type:	Not Reported	Facility Name:	MIRAK CHEVROLET INC
SubBasin:	BOSTON HARBOR		
Basemap:	DOQ	Accuracy Estimate (ft):	100
Feature Type:	CF	Location Method:	PHO
Primary Location Source:	AP_PN	Secondary Location Source:	MS_WWW
Tertiary Location Source:	Not Reported	UST ID:	257
Date Mapped:	28-DEC-06		

9
ESE **FED USGS** **USGS40000473770**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 11	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1948
Well Depth:	42	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B10
WNW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000473916**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 8	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1923
Well Depth:	25	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

B11
WNW
1/2 - 1 Mile
Higher | **AQUIFLOW** | **4755**

Site ID:	3-0002522
Groundwater Flow:	S
Water Table Depth:	Shallowest: 93.5 ft. Deepest: 92.0 ft.
Date:	10/13/1994

C12
East
1/2 - 1 Mile
Lower | **AQUIFLOW** | **4754**

Site ID:	3-0010645
Groundwater Flow:	E
Water Table Depth:	Shallowest: 8.2 ft. Deepest: 24.3 ft.
Date:	03/07/1997

C13
East
1/2 - 1 Mile
Lower | **FED USGS** | **USGS40000473785**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKB 2	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1958
Well Depth:	70	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

14
ESE
1/2 - 1 Mile
Lower | **MA WELLS** | **MA9000000005516**

PWS ID:	Not Reported	Site Name:	Not Reported
Type:	Not Reported	Facility Name:	VALVOLINE INSTANT OIL CHANGE
SubBasin:	BOSTON HARBOR		
Basemap:	DOQ	Accuracy Estimate (ft):	1000
Feature Type:	EL	Location Method:	OTH

Primary Location Source:	KNOW	Secondary Location Source:	Not Reported
Tertiary Location Source:	Not Reported	UST ID:	0
Date Mapped:	26-JAN-99		

15
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000474086**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 7	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1920
Well Depth:	20	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

D16
ESE
1/2 - 1 Mile
Lower

AQUIFLOW **4753**

Site ID:	3-0003376
Groundwater Flow:	SW
Water Table Depth:	Shallowest: 16 ft. Deepest: 29 ft.
Date:	11/16/1995

D17
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40000473686**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 12	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1934
Well Depth:	60	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

18
ESE
1/2 - 1 Mile
Lower

MA WELLS **MA9000000004303**

PWS ID:	Not Reported	Site Name:	Not Reported
Type:	Not Reported	Facility Name:	CVS 0263
SubBasin:	BOSTON HARBOR		

Basemap:	DOQ	Accuracy Estimate (ft):	100
Feature Type:	CB	Location Method:	PHO
Primary Location Source:	AP_DOQ	Secondary Location Source:	DD_PAR
Tertiary Location Source:	Not Reported	UST ID:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Mapped: 01-FEB-14

19
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS40000473947**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-AKW 17	Type:	Well
Description:	Not Reported	HUC:	01090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1944
Well Depth:	22	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

1G
WNW
1/2 - 1 Mile
Lower

Site ID:	3-0002522
Groundwater Flow:	S
Water Table Depth:	Shallowest: 93.5 ft. Deepest: 92.0 ft.
Date:	10/13/1994

AQUIFLOW **4755**

2G
East
1/2 - 1 Mile
Lower

Site ID:	3-0010645
Groundwater Flow:	E
Water Table Depth:	Shallowest: 8.2 ft. Deepest: 24.3 ft.
Date:	03/07/1997

AQUIFLOW **4754**

3G
ESE
1/2 - 1 Mile
Lower

Site ID:	3-0003376
Groundwater Flow:	SW
Water Table Depth:	Shallowest: 16 ft. Deepest: 29 ft.
Date:	11/16/1995

AQUIFLOW **4753**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MA Radon

Radon Test Results

County	% of sites>4 pCi/L	Median
MIDDLESEX	26	2.2

Federal EPA Radon Zone for MIDDLESEX County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MIDDLESEX COUNTY, MA

Number of sites tested: 341

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	3.515 pCi/L	79%	15%	6%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.210 pCi/L	74%	23%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: MassDEP
Telephone: 617-292-5907

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Massachusetts Geographic Information System (MassGIS) Datalayers
Source: Executive Office of Environmental Affairs
Telephone:

Public Water Supply Database

Telephone:
The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

Areas of Critical Environmental Concern

Telephone:
The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

EPA Designated Sole Source Aquifers

Telephone:
The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by an EPA hydrogeologist.

Aquifers

Telephone:
MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

Non-Potential Drinking Water Source Areas

Telephone:
Non-Potential Drinking Water Source Areas (NPDWSA) are regulatory in nature representing one of many considerations used in determining the standards to which ground water must be cleaned in the event of a release of oil or hazardous material. NPDWSAs are not based on existing water quality and do not indicate poor ambient conditions.

Telephone:

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER STATE DATABASE INFORMATION

RADON

State Database: MA Radon
Source: Department of Health
Telephone: 413-586-7525
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX H:

RESUMES OF ENVIRONMENTAL PROFESSIONALS

Highlights

- Nationwide Due Diligence Experience
- Project Management Experience Nationwide
- Energy Consulting and Management Expertise
- Environmental Site Assessment and Remediation
- Radon Sampling

Expertise

- Environmental Health & Safety
- Compliance Audits
- PCA
- Phase II LSI
- Groundwater & Soil Characterization
- Phase I ESAs
- Transaction Screen
- Database Review
- Environmental Permitting
- Hazardous Materials/Waste
- Limited Compliance Review
- Soil Disposal
- Radon Sampling
- PCS

John Pelkey | Project Manager

EMAIL jpelkey@vertexeng.com | **PHONE** (813)437-6562

BIOGRAPHY

Mr. Pelkey has been a dedicated member of The Vertex Companies since 2015. Mr. Pelkey performs and manages Phase I Environmental Site Assessments, Phase II Limited Subsurface Investigations, Property Condition Assessments, Transaction Screens, Energy Audits, and Limited Compliance Reviews. Additional assessments include visual mold, asbestos, and lead-based paint surveys, radon testing, and lead in drinking water sampling. Mr. Pelkey represents VERTEX as a Certified Radon Measurement Specialist in the State of Florida. Though established on the gulf coast of Florida, Mr. Pelkey has conducted assessments across the United States and Mexico for a wide range of clients. Typical projects vary from multi-family residential complexes to large industrial warehouse facilities. Mr. Pelkey was educated at Saint Michael's College in Colchester, Vermont where he graduated with a Bachelor of Science and Arts in Business Administration and Environmental Studies.

EDUCATION/TRAINING

B.S., Business Administration, Saint Michael's College 2015
B.A., Environmental Studies, Saint Michael's College 2015

LICENSES/CERTIFICATIONS

Radon Measurement Specialist, State of FL
OSHA 10-Hour Construction Safety and Health
40-Hour OSHA Hazardous Waste Operations and Emergency Response

SPECIAL TRAINING

Radon Measurement
Certified Energy Manager Course

ASSOCIATIONS

American Association of Radon Scientists and Technologists- National Radon Proficiency Program (AARST-NRPP)

International Council of Shopping Centers (ICSC)

BisNow

Real Estate Investment Council (REIC)

Highlights

Nationwide Due Diligence Experience

Project Management Experience Nationwide

Expertise

Phase I Environmental Site Assessments

Asbestos

Mold

Compliance Audits

Environmental Health & Safety

Remediation & Construction Management

ASTM Environmental Professional

PCA

Stephen McCarthy | Vice President, National Technical Lead

EMAIL smccarthy@vertexeng.com | **PHONE** 781.952.6000

BIOGRAPHY

Mr. McCarthy has over 33 years of experience in Environmental Consulting. As the National Technical Lead for the environmental due diligence practice at VERTEX, Mr. McCarthy is responsible for the development and implementation of environmental due diligence practices for the company. He has routinely managed several hundred environmental assessment due diligence projects per year for financial, commercial, institutional and industrial clients. These projects included Phase I and Phase II Environmental Site Assessments, asbestos surveys and abatement, mold assessments, removal of underground storage tanks and site investigations.

As the National Technical Lead, Mr. McCarthy is responsible for document review, quality control and client management for environmental due diligence investigations conducted throughout the United States. Mr. McCarthy is also responsible for managing the set up and timely completion of due diligence services including Phase I ESAs, planning and management of Phase II subsurface investigations and remediation projects. Specifically, this work includes observation of properties and operations, historic site research, delineation of contaminated media, coordinating UST removals, oversight of excavation activities, development of remediation strategies, risk evaluations and serving as the liaison for clients.

EDUCATION/TRAINING

B.A., History, Providence College 1986

LICENSES/CERTIFICATIONS

OSHA 40 Hour HAZWOPER

SPECIAL TRAINING

Asbestos Inspector / Management Planner
AHERA Project Designer
ASTM - Environmental Site Assessments for Commercial Real Estate, Standards Training Course
National Brownfield Association – All Appropriate Inquiry Course
ASTM – Assessment of Vapor Intrusion Into Structures on Property Involved in Real Estate Transactions



Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476

PHASE II LIMITED SUBSURFACE INVESTIGATION

FEBRUARY 7, 2022

PREPARED FOR:
PSI Atlantic Arlington MA, LLC
530 Oak Court Drive, Suite 185
Memphis, TN 38117
Attn: Mr. Jesse Morgan

PREPARED BY:
The Vertex Companies, Inc.
100 N. Washington Street, Suite 302
Boston, MA 02114
PHONE: 617.275.5407

VERTEX PROJECT NO: 74303

February 7, 2022

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive, Suite 185
Memphis, TN 38117
Attn: Mr. Jesse Morgan

Re: Phase II Limited Subsurface Investigation
Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476

Dear Mr. Morgan:

The Vertex Companies, Inc. (VERTEX) is pleased to submit the results of a Phase II Limited Subsurface Investigation (LSI) for the above referenced property (the Site). The purpose of the Phase II LSI was to assess the Site for potential impacts from the recognized environmental conditions (REC) identified in VERTEX's Phase I Environmental Site Assessment (ESA) of the Site, dated October 26, 2021.

The enclosed Phase II LSI report describes the investigation procedures and summarizes the sampling results. The investigation was performed in general accordance with VERTEX proposal P.4717.21, dated November 2, 2021; however, certain changes were made to VERTEX's scope as described in the Phase II LSI report.

Please do not hesitate to contact us at your convenience should you have any questions or comments regarding this report or our recommendations. It has been a pleasure working with you on this project.

Sincerely,

The Vertex Companies, Inc.

Technical Director

Vice President – Due Diligence

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FIGURES

Figure 1 Site Locus Map
Figure 2 Site Schematic

TABLES

Table 1 Summary of Groundwater Analytical Data

APPENDICES

Appendix A MassDEP Phase I Site Assessment Map
Appendix B Laboratory Analytical Reports

PHASE II LIMITED SUBSURFACE INVESTIGATION

Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476
VERTEX Project No. 74303

1.0 INTRODUCTION

1.1 General Site Information

The Vertex Companies, Inc. (VERTEX) was retained by PSI Atlantic Arlington MA, LLC (PSI) to complete a Phase II Limited Subsurface Investigation (LSI) of the property located at 34 Dudley Street in Arlington, Massachusetts (the Site). According to the Town of Arlington Assessor, the Site consists of one 0.767-acre parcel of land, identified as Parcel ID: 55-2-39.B. The Site is located on the south side of Dudley Street. According to the Middlesex South Registry of Deeds, the Site is currently owned by 34 Dudley Street, LLC. The Site location is shown on Figure 1 - Site Locus Map.

The Site is currently improved with two single-story commercial/industrial buildings. The main building totals 10,271 square feet and was constructed circa 1955 with additions to the north and south sides of the building in 2000. The garage/shed building is approximately 1,000 square feet and was reportedly constructed in 1985. The main building is constructed of wood framing with concrete block and vinyl-covered exterior walls, a hip slate roof, and a concrete foundation. The main building interior is separated into office and automotive body repair spaces. Interior office finishes include carpet and concrete floors, painted drywall walls, and suspended grid ceilings with drop-in acoustical tiles. The auto body shop areas are finished with concrete floors, painted and unpainted concrete masonry unit (CMU) block, painted drywall walls, and unfinished ceilings exposing the underside of the roof deck.

Exterior areas on the Site consist of asphalt-paved parking areas and drive lanes, wood fencing, and limited landscaping. Mill Creek is present along the southern/southeastern boundary of the Site.

During the inspection of the Site performed by VERTEX as part of a Phase I Environmental Site Assessment (ESA), three groundwater monitoring wells were identified to be present on the Site. The general Site location is shown on Figure 1, and a general layout of the Site is shown on Figure 2.

1.2 Purpose

The purpose of this Phase II LSI was to assess the Site for potential subsurface impacts associated with the recognized environmental conditions (RECs) identified during VERTEX's Phase I ESA performed at the Site in October 2021. The Phase I ESA identified that each of the following represents a REC associated with the Site:

- Based on the long-term use of the Site for automotive repair operations, the potential for impacts to soil and groundwater on the Site is considered a REC.
- Former underground storage tanks (USTs) without adequate closure is considered a REC.

Based on information provided in the Phase I ESA report, the Site is located within an area of known fill material. As such, in the event of future soil removal activities at the Site, additional characterization should be conducted prior to off-site disposal.

The scope of work for the Phase II LSI was identified in VERTEX's proposal P.4717.21. The following identifies the tasks and the associated revisions to the work based on changes in the project organization and subsurface conditions:

- Preparation of a Site-Specific Health and Safety Plan (HASP) – VERTEX prepared this document for the field work we conducted during the project.

- Mark-out of public utilities by Dig Safe notification – VERTEX completed this on November 16, 2021.
- Subsurface remote sensing using Ground Penetrating Radar (GPR) to confirm boring locations were not located in areas of underground utilities – Because of changes to the approach to the project, VERTEX did not retain the drilling company and thus did not compete the GPR survey of the drilling locations.
- Advancement of three soil borings in the exterior areas on the Site – The drilling of the soil borings was originally in VERTEX's scope of work; however, to capture project efficiencies, PSI arranged to have the drilling of the soil borings to be managed by GeoEngineers, Inc. (GeoEngineers). GeoEngineers is the geotechnical engineer hired by PSI for the project. Under the supervision of GeoEngineers, G&M Subsurface, LLC completed one soil boring on December 9, 2021, and Crawford Drilling Services of Westminster, Massachusetts (Crawford Drilling) completed three soil borings on December 18, 2021, as described in Section 2.2 of this report. In addition, Crawford Drilling completed additional borings at the Site on January 8, 2022.
- Installation of three groundwater monitoring wells – due to difficult drilling conditions and groundwater present at depths greater than anticipated, monitoring wells were not installed during the project.
- The collection of soil samples for laboratory analysis – Due to difficult drilling conditions and the inability to drill to the desired sample depth, no soil samples were collected for laboratory analysis.
- The collection of groundwater samples for laboratory analysis – Because monitoring wells were not installed at the Site during this project, groundwater samples were instead collected from three existing monitoring wells identified on the Site.

2.0 FIELD ACTIVITIES

2.1 Utility Locate/Geophysical Survey

VERTEX contacted Massachusetts Dig Safe and requested that public utility locations be marked so that we could identify where various utilities entered the Site from the public road. This was completed November 16, 2021.

2.2 Advancement of Soil Borings

On December 9, 2021, and December 18, 2021, VERTEX and GeoEngineers oversaw the advancement of four borings at the Site. The four borings are designated GEO-3W, GEO-2W, GEO-5W, and GEO-6W. The soils encountered during drilling were extremely dense and hollo-stem auger encountered refusal at depths between approximately 13 and 20 feet below ground surface (bgs). The soils encountered during the advancement of the soil borings was common fill consisting of sand and gravel to an approximate depth of 10 to 12 feet bgs which was underlain by native coarse sand and gravel. The following provides a description of each boring location:

- Soil boring GEO-3W was advanced in the northeastern corner of the main building on the Site. The boring was advanced to a maximum depth of 20 feet bgs.
- Soil boring GEO-5W was advanced near the southeast corner of the main building on the Site. The boring was advanced to a maximum depth of 16 feet bgs.
- Soil boring GEO-6W was advanced in the southwest corner of the Site adjacent to the smaller garage building. The boring was advanced to a maximum depth of 10.5 feet bgs.
- Soil boring GEO-2W was advanced in the northwestern portion of the parking lot in the front of the building adjacent to Dudley Street. The boring was advanced to a maximum depth of 12.8 feet bgs.

Groundwater monitoring wells were not installed due to refusal at depths above the water table level. Soil boring logs are available from GeoEngineers.

2.3 Soil Screening and Sampling

Soil samples were collected from the soil borings and physically characterized and screened for total ionizable organic volatiles (TOVs). The screen for TOVs was conducted using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. The PID was calibrated to 100 parts per million by volume (ppmv) isobutylene gas standard to provide readings of TOVs as isobutylene equivalents. PID readings are not considered actual TOV concentrations in the soil samples but are useful indicators of relative TOV concentrations between locations. Soil samples were not collected for laboratory analysis because insufficient sample volumes were retrieved during the drilling, significant amounts of gravel were encountered, and subsurface conditions prevented the borings to be advanced to the desired sampling depth (i.e., groundwater table).

Elevated concentrations of TOVs were not detected in screened soil samples collected from each of the four soil borings (i.e., all TOV concentrations were noted to be below 1.0 ppmv). Evidence of visual or olfactory impacts were not identified in each of the four soil borings.

2.4 Initial Groundwater Sampling

On December 18, 2021, VERTEX collected groundwater samples from the three existing on-site monitoring wells (MW-1, MW-2, and MW-3). Each well was gauged using an oil/water interface probe, to measuring the depth to groundwater and identify if non-aqueous phase liquid (NAPL) was present in the monitoring wells. The monitoring wells did not contain evidence of NAPL during the groundwater gauging.

Following the gauging, monitoring wells MW-2 and MW-3 were purged using a peristaltic pump and dedicated polyethylene tubing. After purging, a representative sample of groundwater was collected from these two monitoring wells. Due to the weather conditions, VERTEX did not have sufficient time to purge monitoring well MW-1, and thus a grab sample of groundwater was collected from this well.

The groundwater samples were collected in laboratory-supplied pre-cleaned containers, stored on ice, and transferred under chain-of-custody to ESS Laboratory, Inc. located in Cranston, Rhode Island (ESS Laboratory) for the following laboratory analyses:

GROUNDWATER	
MONITORING WELL ID	**ANALYSIS**
MW-1	VOCs, SVOCs, PCBs, RCRA 8 Dissolved Metals, TPH
MW-2	VOCs, SVOCs, PCBs, RCRA 8 Dissolved Metals, TPH
MW-3	VOCs, SVOCs, PCBs, RCRA 8 Dissolved Metals, TPH

Volatile Organic Compounds (VOCs) by USEPA Method 8260.
Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270.
Polychlorinated Biphenyls (PCBS) by USEPA Method 8082
Dissolved metals via USEPA Methods 6010C, 6020A, 7470C.
Total Petroleum Hydrocarbons (TPH) USEPA Method 8100M.

Purge water generated during the monitoring well sampling activities was returned to the ground surface on the Site.

2.5 Supplemental Groundwater Sampling

On January 8, 2022, VERTEX returned to the Site to collect a supplemental groundwater sample from monitoring well MW-3. Monitoring well MW-3 was gauged using an oil/water interface probe to measure the depth to groundwater and determine if NAPL is present in a monitoring well. The monitoring well did not contain evidence of NAPL during the groundwater gauging.

Following the gauging, monitoring well MW-3 was purged using a peristaltic pump and dedicated polyethylene tubing. After purging, a representative sample of groundwater was collected from this monitoring well.

The groundwater sample was collected in laboratory-supplied pre-cleaned containers, stored on ice, and transferred under chain-of-custody to ESS Laboratory for the following laboratory analyses:

GROUNDWATER	
MONITORING WELL ID	**ANALYSIS**
MW-3	Pyrene

Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270.

Purge water generated during the monitoring well sampling activities was returned to the ground surface on the Site.

2.6 Site Geology and Hydrogeology

The soils encountered were extremely dense and auger refusal was encountered between approximately 13 and 20 feet bgs. The soils encountered during the advancement of the soil borings was common fill consisting of sand and gravel to an approximate depth of 10 to 12 feet bgs which was underlain by native coarse sand and gravel.

Based on surface topography, and the presence of Mill Creek which is present along the southern boundary of the Site, VERTEX estimates that the groundwater flow direction is to the southeast. Actual local groundwater flow direction can be influenced by factors such as underground structures, seasonal fluctuations, soil and bedrock geology, and production wells, none of which were considered during this study. A groundwater elevation survey to calculate groundwater flow direction was not performed as part of this investigation.

3.0 LABORATORY ANALYTICAL RESULTS

3.1 Applicable Regulatory Standards

The results of the groundwater sample analyses were compared to the Massachusetts Contingency Plan (MCP) RCGW-2 Reportable Concentrations. VERTEX compared the results to the RCGW-2 Reportable Concentrations because, based on the Massachusetts Department of Environmental Protection (MassDEP) Bureau of Waste Site Cleanup Phase 1 Site Assessment Map, included in Appendix A, the Site is not located within a Current or Potential Drinking Water Source Area.

3.2 Groundwater Analytical Results

Based on the groundwater sampling conducted on December 18, 2021, VOCs, PCBs, dissolved RCRA 8 metals and TPH were not detected in the groundwater samples collected from monitoring wells MW-1, MW-2 and MW-3 at concentrations exceeding the applicable MCP RCGW-2 reportable concentrations.

One SVOC, Pyrene, was detected in the groundwater sample collected on December 18, 2021, from monitoring well MW-3 which exceeded the applicable MCP RCGW-2 reportable concentrations. Pyrene was detected at 22.4 micrograms per liter (µg/L), slightly above the RCGW-2 standard of 20 µg/L. VERTEX notes that on December 18, 2021, the purged water from the monitoring well was very likely present in the well for a few years, or longer. When the monitoring well was resampled on January 8, 2022, additional fresh formation water was likely drawn into the well as a result of the additional purging done on that day, and as such the sample collected on January 8, 2022 is expected to be a more-representative groundwater sample.

Based on the groundwater sample collected on January 8, 2022 from monitoring well MW-3, Pyrene was not detected above the laboratory method reporting limit.

A summary of groundwater analytical data is presented in Table 1, and a copy of the laboratory analytical report is included in Appendix B.

4.0 CONCLUSIONS AND RECOMMENDATIONS

VERTEX provides the following conclusions based on the groundwater sampling and analysis:

- Evidence of groundwater impacts exceeding the applicable MCP RCGW-2 RCs was not identified in the groundwater samples collected from monitoring wells MW-1, MW-2, and MW-3.

Based on the findings of this Phase II LSI, evidence of an MCP reporting condition was not identified, and therefore, no additional investigation is recommended at this time. In the event of future soil removal activities at the Site, additional characterization would be required prior to off-site disposal.

5.0 QUALIFICATIONS

5.1 Limitations and Exceptions

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. VERTEX is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

It must be recognized that environmental investigations are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and Site investigation. All subsurface conditions at the Site were not field investigated as part of this study and may differ from the conditions implied by the LSI. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. VERTEX does not warrant that there are no toxic or hazardous materials or contamination on the Site, nor does VERTEX accept any liability if such are found at some future time, or could have been found if additional studies, beyond the scope of this LSI, were conducted. VERTEX does not warrant against future operations or conditions, nor does VERTEX warrant against operations or conditions present of a type or at a location not investigated.

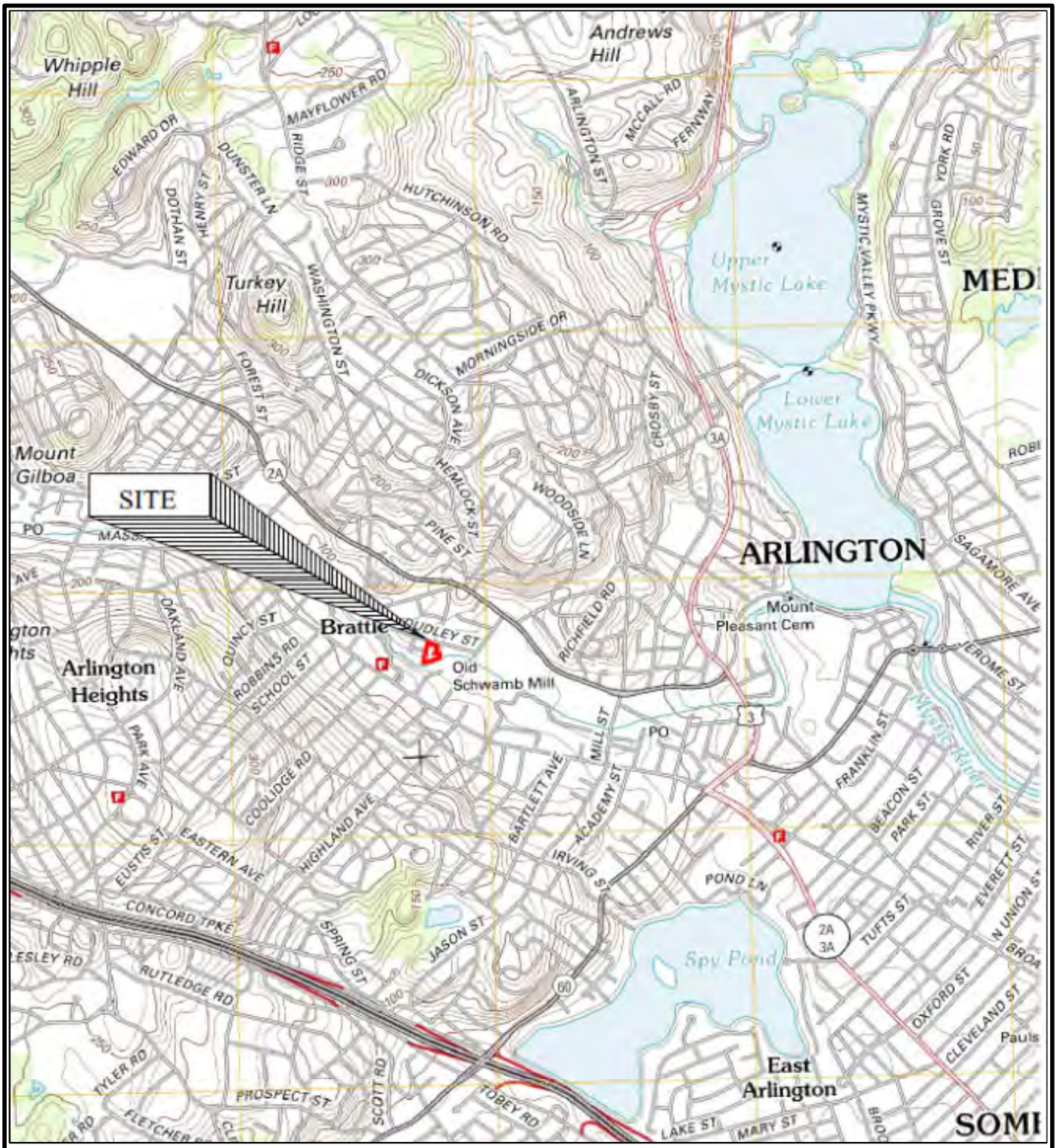
5.2 Special Terms and Conditions

The findings of this LSI are limited and based on the completeness and accuracy of the data and conditions of the Site as of the date of the on-site investigation.

5.3 User Reliance

This report is for the exclusive use of PSI Atlantic Arlington MA, LLC and any and all holders of a note or notes secured by a mortgage, deed of trust, or deed to secure debt encumbering the Site; and their respective affiliates, designates, successors and assignees, rating agencies, prospective bond holders, and bond holders. No other party shall have the right to rely on any service provided by VERTEX without prior written consent. Use of this report by any other party shall be at such party's sole risk.

FIGURES



USGS Topographic Map, 2012
Lexington, Massachusetts
Contour Interval: 10 Feet

SITE LOCUS MAP
Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts 02476

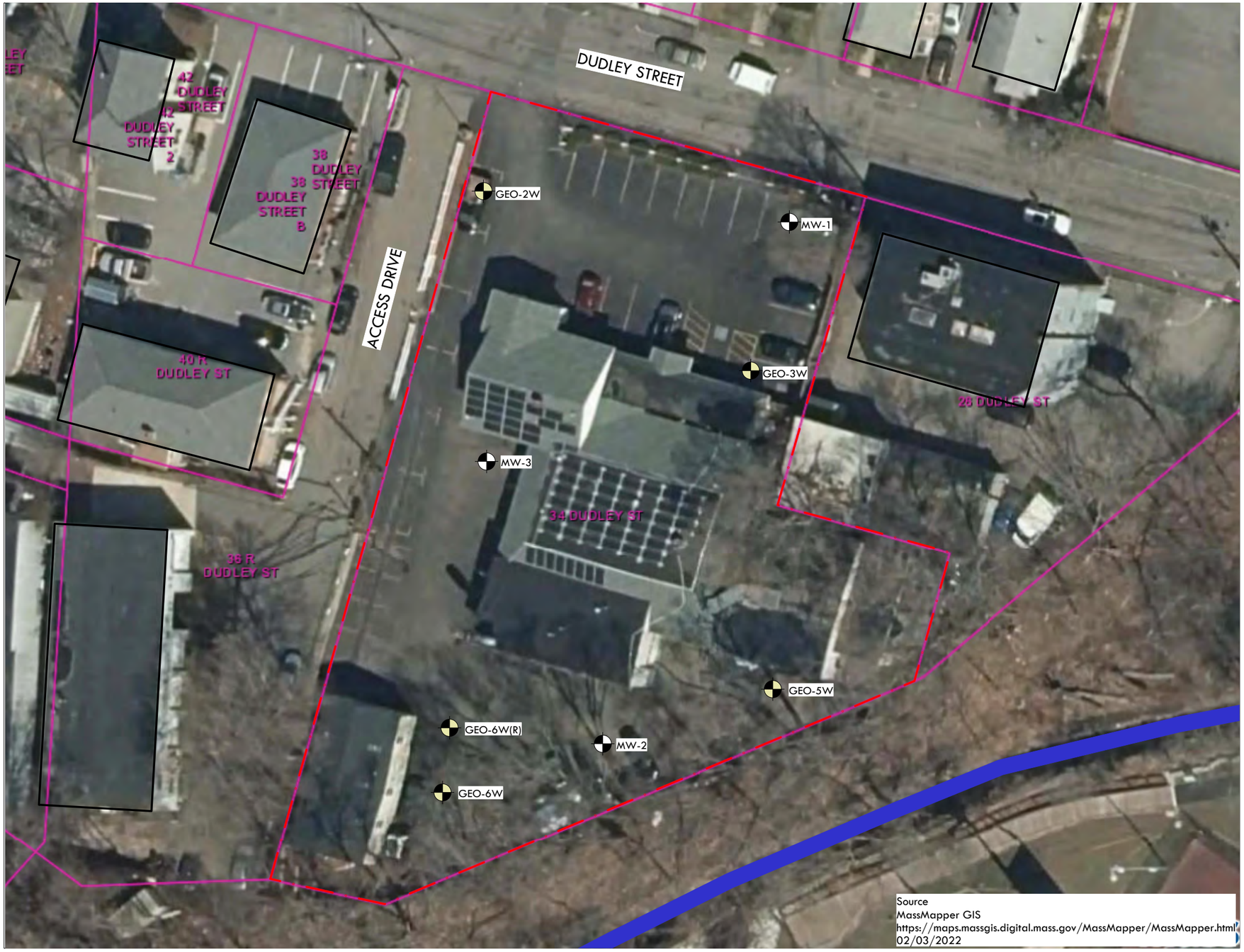
SCALE: 1:24,000
February 2022
VERTEX Proj. No. 74303

VERTEX

FIGURE NO. 1

LEGEND:

- MW-1 — Monitoring well installed by others
- GEO-3W — Monitoring well installed by others
- Site boundary
- Abutting property boundaries



N

0 35 70 105

SCALE: 1" = 35'-0"
(WHEN PRINTED AT 11"x17")

SITE PLAN

Dudley Street Auto
34 Dudley Street
Arlington, Massachusetts

1268 of 1740

Date: 02/03/2022
Drawn: KS
Checked: CC
Job No.: 74303

FIGURE 2

REVISIONS

VERTEX
100 N WASHINGTON ST, STE 302
BOSTON, MA 02114
617.275.5407
VERTEXENG.COM

TABLES

Table 1
Summary of Groundwater Analytical Data
Premier Storage Investors
34 Dudley Street
Arlington, MA
Vertex Project No. 74303

Location ID Sample Date Sample ID Lab ID CHEMICAL NAME	RCGW-2	Units	V-MW-01 12/18/2021 V-MW-1_20211218 21L0726-03	V-MW-02 12/18/2021 V-MW-2_20211218 21L0726-01	V-MW-03 12/18/2021 V-MW-3_20211218 21L0726-02	V-MW-03 1/8/2022 MW-3-20220108 22A0168-01
Total Petroleum Hydrocarbons (TPH)						
TPH	5000	µg/L	134	150	615	--
Volatile Organic Compounds (VOCs)						
1,1,1,2-Tetrachloroethane	10	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,1,1-Trichloroethane (1,1,1-TCA)	4000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,1,2-Trichloroethane	900	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,1-Dichloroethane (1,1-DCA)	2000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,1-Dichloroethene (1,1-DCE)	80	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,1-Dichloropropene	NSE	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
1,2,3-Trichlorobenzene	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2,3-Trichloropropane	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2,4-Trichlorobenzene	200	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2,4-Trimethylbenzene	100000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2-Dibromo-3-Chloropropane	1000	µg/L	ND(5.0)	ND(5.0)	ND(5.0)	--
1,2-Dibromoethane	2	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2-Dichlorobenzene	2000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2-Dichloroethane (1,2-DCA)	5	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2-Dichloroethylene, cis (1,2-DCE, cis)	20	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2-Dichloroethylene, trans (1,2-DCE, trans)	80	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,2-Dichloropropane	3	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,3,5-Trimethylbenzene	1000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,3-Dichlorobenzene (1,3-DCB)	6000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,3-Dichloropropane	50000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,3-Dichloropropene, cis	5	µg/L	ND(0.4)	ND(0.4)	ND(0.4)	--
1,3-Dichloropropene, trans	5	µg/L	ND(0.4)	ND(0.4)	ND(0.4)	--
1,4-Dichlorobenzene	60	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
1,4-Dioxane	6000	µg/L	ND(500)	ND(500)	ND(500)	--
2,2-Dichloropropane	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
2-Hexanone	10000	µg/L	ND(10.0)	ND(10.0)	ND(10.0)	--
Acetone	50000	µg/L	ND(10.0)	ND(10.0)	14.8	--

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Benzene	1000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Bromobenzene	10000	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
Bromochloromethane (Chlorobromomethane)	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Bromodichloromethane	6	µg/L	ND(0.6)	ND(0.6)	ND(0.6)	--
Bromoform	700	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Bromomethane	7	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
Carbon Disulfide	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Carbon Tetrachloride	2	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Chlorobenzene	200	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Chloroethane	10000	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
Chloroform	50	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Chloromethane	10000	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
Dibromochloromethane	20	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Dibromomethane	50000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Dichlorodifluoromethane	100000	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
Ethyl Ether	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Ethylbenzene	5000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Ethyl-Tert-Butyl-Ether (Tert-Butylethyl Ether)	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Hexachlorobutadiene	50	µg/L	ND(0.6)	ND(0.6)	ND(0.6)	--
Hexachloroethane	100	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Isopropyl Benzene	100000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Isopropyl Ether	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Methyl Ethyl Ketone (MEK)	50000	µg/L	ND(10.0)	ND(10.0)	ND(10.0)	--
Methyl Isobutyl Ketone (MIBK)	50000	µg/L	ND(10.0)	ND(10.0)	ND(10.0)	--
Methyl Tert-Butyl Ether	5000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Methylene Chloride	2000	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
Naphthalene	700	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
n-Butylbenzene	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
o-Chlorotoluene	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
o-Xylene	3000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--

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p/m-Xylene	3000	µg/L	ND(2.0)	ND(2.0)	ND(2.0)	--
p-Chlorotoluene (4-Chlorotoluene)	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
p-Cymene	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Propylbenzene	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Sec-Butylbenzene	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Styrene	100	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Tert-Butylbenzene	10000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Tertiary-Amyl Methyl Ether (TAME)	NSE	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Tetrachloroethane	9	µg/L	ND(0.5)	ND(0.5)	ND(0.5)	--
Tetrachloroethylene (PCE)	50	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Tetrahydrofuran	50000	µg/L	ND(5.0)	ND(5.0)	ND(5.0)	--
Toluene	40000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Trichloroethylene (TCE)	5	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Trichlorofluoromethane	100000	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Vinyl Chloride	2	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Xylenes (Mixed Isomers)	3000	µg/L	ND(2.00)	ND(2.00)	ND(2.00)	--
Semivolatile Organic Compounds (SVOCs)						
1,2,4-Trichlorobenzene	200	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
1,2-Dichlorobenzene	2000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
1,3-Dichlorobenzene (1,3-DCB)	6000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
1,4-Dichlorobenzene	60	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2,4,5-Trichlorophenol	3000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2,4,6-Trichlorophenol	500	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2,4-Dichlorophenol	2000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2,4-Dimethylphenol	40000	µg/L	ND(48.1)	ND(50.0)	ND(49.5)	--
2,4-Dinitrophenol	20000	µg/L	ND(48.1)	ND(50.0)	ND(49.5)	--
2,4-Dinitrotoluene	20000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2,6-Dinitrotoluene	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2-Chloronaphthalene	100000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2-Chlorophenol	7000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--

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2-Methylnaphthalene	2000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2-Methylphenol (o-Cresol)	50000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
2-Nitrophenol (o-Nitrophenol)	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
3,3-Dichlorobenzidine	2000	µg/L	ND(19.2)	ND(20.0)	ND(19.8)	--
3-Methylphenol/4-Methylphenol	NSE	µg/L	ND(19.2)	ND(20.0)	ND(19.8)	--
4-Bromophenyl Phenyl Ether	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Acenaphthene	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Acenaphthylene	40	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Acetophenone	100000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Aniline	100000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Anthracene	30	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Azobenzene	NSE	µg/L	ND(19.2)	ND(20.0)	ND(19.8)	--
Benzo(a)Anthracene	1000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Benzo(a)Pyrene	500	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Benzo(b)Fluoranthene	400	µg/L	ND(9.6)	ND(10.0)	10.8	--
Benzo(g,h,i)Perylene	20	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Benzo(k)Fluoranthene	100	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Bis (2-Chloroethyl) Ether	30	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Bis(2-Ethylhexyl)Phthalate	50000	µg/L	ND(5.8)	ND(6.0)	6.6	--
Butyl Benzyl Phthalate	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Chrysene	70	µg/L	ND(9.6)	ND(10.0)	11.8	--
Dibenzo(a,h)Anthracene	40	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Dibenzofuran	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Dichloroisopropyl Ether	100	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Dichloromethoxy Ethane	50000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Diethyl Phthalate	9000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Dimethyl Phthalate	50000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Fluoranthene	200	µg/L	ND(9.6)	ND(10.0)	31.3	--
Fluorene	40	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Hexachlorobenzene	1	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--

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Hexachlorobutadiene	50	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Hexachloroethane	100	µg/L	ND(4.8)	ND(5.0)	ND(5.0)	--
Indeno(1,2,3-cd)Pyrene	100	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Isophorone	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Naphthalene	700	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
n-Butyl Phthalate	5000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
n-Dioctyl Phthalate	100000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Nitrobenzene	50000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
n-Nitrosodimethylamine	5000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
p-Chloroaniline	300	µg/L	ND(19.2)	ND(20.0)	ND(19.8)	--
Pentachlorophenol	200	µg/L	ND(48.1)	ND(50.0)	ND(49.5)	--
Phenanthrene	10000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
Phenol	2000	µg/L	ND(9.6)	ND(10.0)	ND(9.9)	--
p-Nitrophenol	10000	µg/L	ND(48.1)	ND(50.0)	ND(49.5)	--
Pyrene	20	µg/L	ND(9.6)	ND(10.0)	22.4	ND(10.2)
Metals, Dissolved						
Arsenic	900	µg/L	ND(5.0)	ND(5.0)	ND(1.0)	--
Barium	50000	µg/L	54.8	55.6	51.7	--
Cadmium	4	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Chromium	300	µg/L	ND(10.0)	ND(10.0)	ND(10.0)	--
Lead	10	µg/L	ND(1.0)	ND(1.0)	ND(1.0)	--
Mercury	20	µg/L	ND(0.20)	ND(0.20)	ND(0.20)	--
Selenium	100	µg/L	ND(5.0)	ND(5.0)	ND(5.0)	--
Silver	7	µg/L	ND(5.0)	ND(5.0)	ND(5.0)	--
Polychlorinated Biphenyls (PCBs)						
Aroclor 1016	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--
Aroclor 1221	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--
Aroclor 1232	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--
Aroclor 1242	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--
Aroclor 1248	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--

Table 1
Summary of Groundwater Analytical Data
Premier Storage Investors
34 Dudley Street
Arlington, MA
Vertex Project No. 74303

Location ID Sample Date Sample ID Lab ID CHEMICAL NAME	RCGW-2	Units	V-MW-01 12/18/2021 V-MW-1_20211218 21L0726-03	V-MW-02 12/18/2021 V-MW-2_20211218 21L0726-01	V-MW-03 12/18/2021 V-MW-3_20211218 21L0726-02	V-MW-03 1/8/2022 MW-3-20220108 22A0168-01
Aroclor 1254	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--
Aroclor 1260	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--
Aroclor 1262	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--
Aroclor 1268	5	µg/L	ND(0.10)	ND(0.10)	ND(0.10)	--

Notes:
- µg/L = microgram per Liter
- Reportable Concentrations (RCGW-2) taken from the Massachusetts Contingency Plan (MCP) 310 CMR 40.0974(2) dated April 2014
- ND = Not Detected above laboratory reporting limits shown in parenthesis
- -- = Not Analyzed
- NSE = No Standard Exists
- SNC = Standard Not Calculated
- Highlighted values exceeds the applicable Cleanup Criteria
- Full analytical results, including QA/QC information and data flags, are detailed in the laboratory analytical report

APPENDIX A:
MASSDEP PHASE I SITE ASSESSMENT MAP

MassDEP - Bureau of Waste Site Cleanup

Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

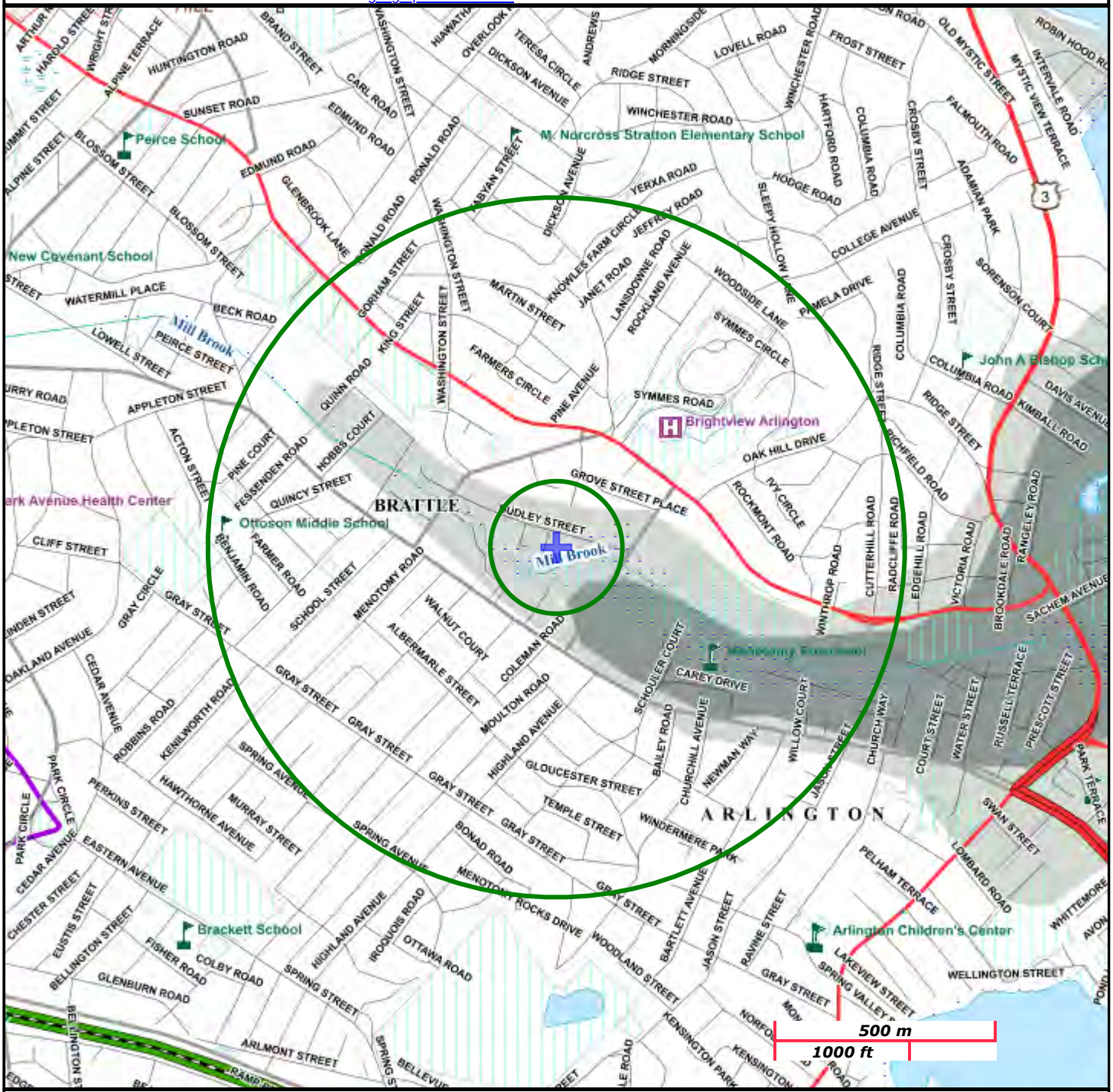
Site Information:

34 DUDLEY STREET ARLINGTON, MA

NAD83 UTM Meters:
4698738mN , 321793mE (Zone: 19)
December 2, 2021

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at: https://www.mass.gov/orgs/massgis-bureau-of-geographic-information.

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam

Aquifers: Medium Yield, High Yield, EPA Sole Source

Non Potential Drinking Water Source Area: Medium, High (Yield)

PWS Protection Areas: Zone II, IWPA, Zone A

Hydrography: Open Water, PWS Reservoir, Tidal Flat

Wetlands: Freshwater, Saltwater, Cranberry Bog

FEMA 100yr Floodplain; Protected Open Space; ACEC

Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential

Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com.

APPENDIX B:
LABORATORY ANALYTICAL REPORTS

CERTIFICATE OF ANALYSIS

Chris Carleo
The Vertex Companies
100 North Washington Street Suite 302
Boston, MA 02114

RE: 34 Dudley St Arlington MA (74303)
ESS Laboratory Work Order Number: 21L0726

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 5:13 pm, Dec 27, 2021

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with TNI and relative state standards, and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

SAMPLE RECEIPT

The following samples were received on December 20, 2021 for the analyses specified on the enclosed Chain of Custody Record.

To achieve CAM compliance for MCP data, ESS Laboratory has reviewed all QA/QC Requirements and Performance Standards listed in each method. Holding times and preservation have also been reviewed. All CAM requirements have been performed and achieved unless noted in the project narrative.

Each method has been set-up in the laboratory to reach required MCP standards. The methods for aqueous VOA and Soil Methanol VOA have known limitations for certain analytes. The regulatory standards may not be achieved due to these limitations. In addition, for all methods, matrix interferences, dilutions, and %Solids may elevate method reporting limits above regulatory standards. ESS Laboratory can provide, upon request, a Limit Checker (regulatory standard comparison spreadsheet) electronic deliverable which will highlight these exceedances.

Question I: All samples for EPH and Metals were analyzed for a subset of the required MCP list per the client's request.

Lab Number	Sample Name	Matrix	Analysis
21L0726-01	V-MW-2	Ground Water	6010C, 6020A, 7010, 7470A, 8082A, 8100M, 8260B, 8270D
21L0726-02	V-MW-3	Ground Water	6010C, 6020A, 7470A, 8082A, 8100M, 8260B, 8270D
21L0726-03	V-MW-1	Ground Water	6010C, 6020A, 7010, 7470A, 8082A, 8100M, 8260B, 8270D

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

PROJECT NARRATIVE

8260B Volatile Organic Compounds

D1L0416-CCV1 **Continuing Calibration %Diff/Drift is below control limit (CD-).**
Bromomethane (52% @ 20%), Tetrachloroethene (22% @ 20%)

DL12123-BS1 **Blank Spike recovery is above upper control limit (B+).**
Acetone (136% @ 70-130%)

DL12123-BS1 **Blank Spike recovery is below lower control limit (B-).**
Bromomethane (58% @ 70-130%)

DL12123-BSD1 **Blank Spike recovery is above upper control limit (B+).**
Acetone (137% @ 70-130%)

DL12123-BSD1 **Blank Spike recovery is below lower control limit (B-).**
Bromomethane (57% @ 70-130%)

8270D Semi-Volatile Organic Compounds

D1L0460-CCV1 **Calibration required quadratic regression (Q).**
2,4-Dinitrophenol (82% @ 80-120%), Pentachlorophenol (90% @ 80-120%)

D1L0460-CCV1 **Continuing Calibration %Diff/Drift is above control limit (CD+).**
bis(2-Chloroethyl)ether (31% @ 20%)

D1L0460-CCV1 **Continuing Calibration %Diff/Drift is below control limit (CD-).**
4-Nitrophenol (27% @ 20%)

D1L0460-CCV1 **Initial Calibration Verification recovery is above upper control limit (ICV+).**
2,4-Dinitrophenol

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

To ensure you are viewing the most current version of the documents below, please clear your internet cookies for www.ESSLaboratory.com. Consult your IT Support personnel for information on how to clear your internet cookies.

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015C - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1.1 - EPH
MADEP 18-2.1 - VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035A - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

MassDEP Analytical Protocol Certification Form

MADEP RTN: _____

This form provides certification for the following data set: **21L0726-01 through 21L0726-03**

Matrices: (X) Ground Water/Surface Water ( ) Soil/Sediment ( ) Drinking Water ( ) Air ( ) Other:_____

CAM Protocol (check all that apply below):

(X) 8260 VOC CAM II A	(X) 7470/7471 Hg CAM III B	( ) MassDEP VPH (GC/PID/FID) CAM IV A	(X) 8082 PCB CAM V A	( ) 9014 Total Cyanide/PAC CAM VI A	( ) 6860 Perchlorate CAM VIII B
(X) 8270 SVOC CAM II B	(X) 7010 Metals CAM III C	( ) MassDEP VPH (GC/MS) CAM IV C	( ) 8081 Pesticides CAM V B	( ) 7196 Hex Cr CAM VI B	( ) MassDEP APH CAM IX A
(X) 6010 Metals CAM III A	(X) 6020 Metals CAM III D	(X) MassDEP EPH CAM IV B	( ) 8151 Herbicides CAM V C	( ) Explosives CAM VIII A	( ) TO-15 VOC CAM IX B

Affirmative responses to questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	Yes (X) No ( )
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	Yes (X) No ( )
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	Yes (X) No ( )
D	Does the laboratory report comply with all the reporting requirements specified in the CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No ( )
E	VPH, EPH, APH and TO-15 only: a. Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	Yes (X) No ( )
	b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes ( ) No ( )
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	Yes (X) No ( )

Responses to Questions G, H and I below are required for "'Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocols(s)?	Yes (X) No ( )*
	***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**	
H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	Yes ( ) No (X)*
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes ( ) No (X)*

****All negative responses must be addressed in an attached laboratory narrative.***

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Laurel Stoddard Date: December 27, 2021

Printed Name: Laurel Stoddard Position: Laboratory Director

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L

Extraction Method: 200.7/6010BNoDigest

Dissolved Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (5.0)		7010		1	KJK	12/21/21 19:51	10	10	DL12043
Barium	**55.6** (50.0)		6010C		1	KJK	12/21/21 14:37	10	10	DL12043
Cadmium	ND (1.0)		6020A		1	KJK	12/21/21 11:15	10	10	DL12043
Chromium	ND (10.0)		6010C		1	KJK	12/21/21 14:37	10	10	DL12043
Lead	ND (1.0)		6020A		1	KJK	12/21/21 11:15	10	10	DL12043
Mercury	ND (0.20)		7470A		1	JRB	12/21/21 10:54	20	40	DL12066
Selenium	ND (5.0)		6020A		1	KJK	12/21/21 11:15	10	10	DL12043
Silver	ND (5.0)		6010C		1	KJK	12/21/21 14:37	10	10	DL12043

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 960
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: JLG
Prepared: 12/21/21 13:00

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1221	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1232	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1242	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1248	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1254	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1260	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1262	ND (0.10)		8082A		1	12/21/21 16:02		DL12105
Aroclor 1268	ND (0.10)		8082A		1	12/21/21 16:02		DL12105

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*69 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*66 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*65 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*76 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 1010
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: BXK
Prepared: 12/22/21 16:00

8100M Total Petroleum Hydrocarbons

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Total Petroleum Hydrocarbons	**150** (99.0)		8100M		1	12/23/21 15:40	D1L0472	DL12207

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*100 %*		*40-140*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,1,1-Trichloroethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,1,2,2-Tetrachloroethane	ND (0.5)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,1,2-Trichloroethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,1-Dichloroethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,1-Dichloroethene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,1-Dichloropropene	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2,3-Trichlorobenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2,3-Trichloropropane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2,4-Trichlorobenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2,4-Trimethylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2-Dibromo-3-Chloropropane	ND (5.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2-Dibromoethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2-Dichloroethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,2-Dichloropropane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,3,5-Trimethylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,3-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,3-Dichloropropane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,4-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
1,4-Dioxane - Screen	ND (500)		8260B		1	12/21/21 14:54	D1L0416	DL12123
2,2-Dichloropropane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
2-Butanone	ND (10.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
2-Chlorotoluene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
2-Hexanone	ND (10.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
4-Chlorotoluene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
4-Isopropyltoluene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
4-Methyl-2-Pentanone	ND (10.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Acetone	ND (10.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Benzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Bromobenzene	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Bromochloromethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.6)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Bromoform	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Bromomethane	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Carbon Disulfide	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Carbon Tetrachloride	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Chlorobenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Chloroethane	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Chloroform	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Chloromethane	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
cis-1,2-Dichloroethene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
cis-1,3-Dichloropropene	ND (0.4)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Dibromochloromethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Dibromomethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Dichlorodifluoromethane	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Diethyl Ether	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Di-isopropyl ether	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Ethyl tertiary-butyl ether	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Ethylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Hexachlorobutadiene	ND (0.6)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Hexachloroethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Isopropylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Methyl tert-Butyl Ether	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Methylene Chloride	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Naphthalene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
n-Butylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
n-Propylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
sec-Butylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Styrene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
tert-Butylbenzene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Tertiary-amyl methyl ether	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Tetrachloroethene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Tetrahydrofuran	ND (5.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Toluene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
trans-1,2-Dichloroethene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
trans-1,3-Dichloropropene	ND (0.4)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Trichloroethene	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Trichlorofluoromethane	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Vinyl Chloride	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Xylene O	ND (1.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Xylene P,M	ND (2.0)		8260B		1	12/21/21 14:54	D1L0416	DL12123
Xylenes (Total)	ND (2.00)		8260B		1	12/21/21 14:54		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*109 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*99 %*		*70-130*
Surrogate: Toluene-d8	*101 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,2,4-Trichlorobenzene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
1,2-Dichlorobenzene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
1,3-Dichlorobenzene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
1,4-Dichlorobenzene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2,4,5-Trichlorophenol	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2,4,6-Trichlorophenol	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2,4-Dichlorophenol	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2,4-Dimethylphenol	ND (50.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2,4-Dinitrophenol	ND (50.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2,4-Dinitrotoluene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2,6-Dinitrotoluene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2-Chloronaphthalene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2-Chlorophenol	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2-Methylnaphthalene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2-Methylphenol	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
2-Nitrophenol	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
3,3′-Dichlorobenzidine	ND (20.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
3+4-Methylphenol	ND (20.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
4-Bromophenyl-phenylether	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
4-Chloroaniline	ND (20.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
4-Nitrophenol	ND (50.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Acenaphthene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Acenaphthylene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Acetophenone	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Aniline	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Anthracene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Azobenzene	ND (20.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Benzo(a)anthracene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Benzo(a)pyrene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Benzo(b)fluoranthene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Benzo(g,h,i)perylene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Benzo(k)fluoranthene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
bis(2-Chloroethoxy)methane	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
bis(2-Chloroethyl)ether	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
bis(2-chloroisopropyl)Ether	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
bis(2-Ethylhexyl)phthalate	ND (6.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Butylbenzylphthalate	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Chrysene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Dibenzo(a,h)Anthracene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Dibenzofuran	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Diethylphthalate	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Dimethylphthalate	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Di-n-butylphthalate	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Di-n-octylphthalate	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Fluoranthene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Fluorene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Hexachlorobenzene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Hexachlorobutadiene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Hexachloroethane	ND (5.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Indeno(1,2,3-cd)Pyrene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Isophorone	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Naphthalene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Nitrobenzene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
N-Nitrosodimethylamine	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Pentachlorophenol	ND (50.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Phenanthrene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Phenol	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128
Pyrene	ND (10.0)		8270D		1	12/23/21 1:47	D1L0460	DL12128

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*81 %*		*30-130*
Surrogate: 2,4,6-Tribromophenol	*80 %*		*15-110*
Surrogate: 2-Chlorophenol-d4	*85 %*		*15-110*
Surrogate: 2-Fluorobiphenyl	*84 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-2
Date Sampled: 12/18/21 14:05
Percent Solids: N/A
Initial Volume: 1000
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Surrogate: 2-Fluorophenol		*76 %*		*15-110*				
Surrogate: Nitrobenzene-d5		*85 %*		*30-130*				
Surrogate: Phenol-d6		*88 %*		*15-110*				
Surrogate: p-Terphenyl-d14		*68 %*		*30-130*				

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L

Extraction Method: 200.7/6010BNoDigest

Dissolved Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (1.0)		6020A		1	KJK	12/21/21 12:35	10	10	DL12043
Barium	**51.7** (50.0)		6010C		1	KJK	12/21/21 14:39	10	10	DL12043
Cadmium	ND (1.0)		6020A		1	KJK	12/21/21 12:35	10	10	DL12043
Chromium	ND (10.0)		6010C		1	KJK	12/21/21 14:39	10	10	DL12043
Lead	ND (1.0)		6020A		1	KJK	12/21/21 12:35	10	10	DL12043
Mercury	ND (0.20)		7470A		1	JRB	12/21/21 10:56	20	40	DL12066
Selenium	ND (5.0)		6020A		1	KJK	12/21/21 12:35	10	10	DL12043
Silver	ND (5.0)		6010C		1	KJK	12/21/21 14:39	10	10	DL12043

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 1020
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: JLG
Prepared: 12/21/21 13:00

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1221	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1232	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1242	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1248	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1254	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1260	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1262	ND (0.10)		8082A		1	12/21/21 16:21		DL12105
Aroclor 1268	ND (0.10)		8082A		1	12/21/21 16:21		DL12105

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*74 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*65 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*85 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*98 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 1030
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: BXK
Prepared: 12/22/21 16:00

8100M Total Petroleum Hydrocarbons

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Total Petroleum Hydrocarbons	**615** (97.1)		8100M		1	12/23/21 16:14	D1L0472	DL12207

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*94 %*		*40-140*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,1,1-Trichloroethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,1,2,2-Tetrachloroethane	ND (0.5)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,1,2-Trichloroethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,1-Dichloroethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,1-Dichloroethene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,1-Dichloropropene	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2,3-Trichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2,3-Trichloropropane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2,4-Trichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2,4-Trimethylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2-Dibromo-3-Chloropropane	ND (5.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2-Dibromoethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2-Dichloroethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,2-Dichloropropane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,3,5-Trimethylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,3-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,3-Dichloropropane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,4-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
1,4-Dioxane - Screen	ND (500)		8260B		1	12/21/21 15:19	D1L0416	DL12123
2,2-Dichloropropane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
2-Butanone	ND (10.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
2-Chlorotoluene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
2-Hexanone	ND (10.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
4-Chlorotoluene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
4-Isopropyltoluene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
4-Methyl-2-Pentanone	ND (10.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Acetone	**14.8** (10.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Benzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Bromobenzene	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Bromochloromethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.6)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Bromoform	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Bromomethane	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Carbon Disulfide	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Carbon Tetrachloride	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Chlorobenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Chloroethane	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Chloroform	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Chloromethane	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
cis-1,2-Dichloroethene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
cis-1,3-Dichloropropene	ND (0.4)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Dibromochloromethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Dibromomethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Dichlorodifluoromethane	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Diethyl Ether	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Di-isopropyl ether	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Ethyl tertiary-butyl ether	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Ethylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Hexachlorobutadiene	ND (0.6)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Hexachloroethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Isopropylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Methyl tert-Butyl Ether	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Methylene Chloride	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Naphthalene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
n-Butylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
n-Propylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
sec-Butylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Styrene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
tert-Butylbenzene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Tertiary-amyl methyl ether	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Tetrachloroethene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Tetrahydrofuran	ND (5.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Toluene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
trans-1,2-Dichloroethene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
trans-1,3-Dichloropropene	ND (0.4)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Trichloroethene	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Trichlorofluoromethane	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Vinyl Chloride	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Xylene O	ND (1.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Xylene P,M	ND (2.0)		8260B		1	12/21/21 15:19	D1L0416	DL12123
Xylenes (Total)	ND (2.00)		8260B		1	12/21/21 15:19		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*109 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*99 %*		*70-130*
Surrogate: Toluene-d8	*102 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 1010
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,2,4-Trichlorobenzene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
1,2-Dichlorobenzene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
1,3-Dichlorobenzene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
1,4-Dichlorobenzene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2,4,5-Trichlorophenol	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2,4,6-Trichlorophenol	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2,4-Dichlorophenol	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2,4-Dimethylphenol	ND (49.5)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2,4-Dinitrophenol	ND (49.5)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2,4-Dinitrotoluene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2,6-Dinitrotoluene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2-Chloronaphthalene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2-Chlorophenol	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2-Methylnaphthalene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2-Methylphenol	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
2-Nitrophenol	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
3,3′-Dichlorobenzidine	ND (19.8)		8270D		1	12/23/21 2:18	D1L0460	DL12128
3+4-Methylphenol	ND (19.8)		8270D		1	12/23/21 2:18	D1L0460	DL12128
4-Bromophenyl-phenylether	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
4-Chloroaniline	ND (19.8)		8270D		1	12/23/21 2:18	D1L0460	DL12128
4-Nitrophenol	ND (49.5)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Acenaphthene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Acenaphthylene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Acetophenone	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Aniline	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Anthracene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Azobenzene	ND (19.8)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Benzo(a)anthracene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Benzo(a)pyrene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Benzo(b)fluoranthene	**10.8** (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Benzo(g,h,i)perylene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Benzo(k)fluoranthene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 1010
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
bis(2-Chloroethoxy)methane	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
bis(2-Chloroethyl)ether	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
bis(2-chloroisopropyl)Ether	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
bis(2-Ethylhexyl)phthalate	**6.6** (5.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Butylbenzylphthalate	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Chrysene	**11.8** (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Dibenzo(a,h)Anthracene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Dibenzofuran	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Diethylphthalate	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Dimethylphthalate	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Di-n-butylphthalate	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Di-n-octylphthalate	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Fluoranthene	**31.3** (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Fluorene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Hexachlorobenzene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Hexachlorobutadiene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Hexachloroethane	ND (5.0)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Indeno(1,2,3-cd)Pyrene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Isophorone	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Naphthalene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Nitrobenzene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
N-Nitrosodimethylamine	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Pentachlorophenol	ND (49.5)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Phenanthrene	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Phenol	ND (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128
Pyrene	**22.4** (9.9)		8270D		1	12/23/21 2:18	D1L0460	DL12128

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*84 %*		*30-130*
Surrogate: 2,4,6-Tribromophenol	*83 %*		*15-110*
Surrogate: 2-Chlorophenol-d4	*88 %*		*15-110*
Surrogate: 2-Fluorobiphenyl	*79 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-3
Date Sampled: 12/18/21 15:35
Percent Solids: N/A
Initial Volume: 1010
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-02
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Surrogate: 2-Fluorophenol		*81 %*		*15-110*				
Surrogate: Nitrobenzene-d5		*92 %*		*30-130*				
Surrogate: Phenol-d6		*89 %*		*15-110*				
Surrogate: p-Terphenyl-d14		*51 %*		*30-130*				

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L

Extraction Method: 200.7/6010BNoDigest

Dissolved Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (5.0)		7010		1	KJK	12/21/21 20:08	10	10	DL12043
Barium	**54.8** (50.0)		6010C		1	KJK	12/21/21 14:41	10	10	DL12043
Cadmium	ND (1.0)		6020A		1	KJK	12/21/21 12:41	10	10	DL12043
Chromium	ND (10.0)		6010C		1	KJK	12/21/21 14:41	10	10	DL12043
Lead	ND (1.0)		6020A		1	KJK	12/21/21 12:41	10	10	DL12043
Mercury	ND (0.20)		7470A		1	JRB	12/21/21 11:02	20	40	DL12066
Selenium	ND (5.0)		6020A		1	KJK	12/21/21 12:41	10	10	DL12043
Silver	ND (5.0)		6010C		1	KJK	12/21/21 14:41	10	10	DL12043

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 1040
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: JLG
Prepared: 12/21/21 13:00

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1221	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1232	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1242	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1248	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1254	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1260	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1262	ND (0.10)		8082A		1	12/21/21 16:41		DL12105
Aroclor 1268	ND (0.10)		8082A		1	12/21/21 16:41		DL12105

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*52 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*49 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*70 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*80 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 1010
Final Volume: 1
Extraction Method: 3510C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: BXK
Prepared: 12/22/21 16:00

8100M Total Petroleum Hydrocarbons

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Total Petroleum Hydrocarbons	**134** (99.0)		8100M		1	12/23/21 16:47	D1L0472	DL12207

	%Recovery	Qualifier	Limits
Surrogate: O-Terphenyl	*97 %*		*40-140*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,1,1,2-Tetrachloroethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,1,1-Trichloroethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,1,2,2-Tetrachloroethane	ND (0.5)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,1,2-Trichloroethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,1-Dichloroethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,1-Dichloroethene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,1-Dichloropropene	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2,3-Trichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2,3-Trichloropropane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2,4-Trichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2,4-Trimethylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2-Dibromo-3-Chloropropane	ND (5.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2-Dibromoethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2-Dichloroethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,2-Dichloropropane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,3,5-Trimethylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,3-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,3-Dichloropropane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,4-Dichlorobenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
1,4-Dioxane - Screen	ND (500)		8260B		1	12/21/21 15:45	D1L0416	DL12123
2,2-Dichloropropane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
2-Butanone	ND (10.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
2-Chlorotoluene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
2-Hexanone	ND (10.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
4-Chlorotoluene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
4-Isopropyltoluene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
4-Methyl-2-Pentanone	ND (10.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Acetone	ND (10.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Benzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Bromobenzene	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Bromochloromethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Bromodichloromethane	ND (0.6)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Bromoform	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Bromomethane	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Carbon Disulfide	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Carbon Tetrachloride	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Chlorobenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Chloroethane	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Chloroform	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Chloromethane	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
cis-1,2-Dichloroethene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
cis-1,3-Dichloropropene	ND (0.4)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Dibromochloromethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Dibromomethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Dichlorodifluoromethane	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Diethyl Ether	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Di-isopropyl ether	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Ethyl tertiary-butyl ether	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Ethylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Hexachlorobutadiene	ND (0.6)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Hexachloroethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Isopropylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Methyl tert-Butyl Ether	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Methylene Chloride	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Naphthalene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
n-Butylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
n-Propylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
sec-Butylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Styrene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
tert-Butylbenzene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Tertiary-amyl methyl ether	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Tetrachloroethene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Tetrahydrofuran	ND (5.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 5
Final Volume: 5
Extraction Method: 5030B

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: MD

8260B Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Toluene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
trans-1,2-Dichloroethene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
trans-1,3-Dichloropropene	ND (0.4)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Trichloroethene	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Trichlorofluoromethane	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Vinyl Chloride	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Xylene O	ND (1.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Xylene P,M	ND (2.0)		8260B		1	12/21/21 15:45	D1L0416	DL12123
Xylenes (Total)	ND (2.00)		8260B		1	12/21/21 15:45		[CALC]

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichloroethane-d4	*110 %*		*70-130*
Surrogate: 4-Bromofluorobenzene	*95 %*		*70-130*
Surrogate: Dibromofluoromethane	*100 %*		*70-130*
Surrogate: Toluene-d8	*102 %*		*70-130*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 1040
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
1,2,4-Trichlorobenzene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
1,2-Dichlorobenzene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
1,3-Dichlorobenzene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
1,4-Dichlorobenzene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2,4,5-Trichlorophenol	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2,4,6-Trichlorophenol	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2,4-Dichlorophenol	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2,4-Dimethylphenol	ND (48.1)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2,4-Dinitrophenol	ND (48.1)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2,4-Dinitrotoluene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2,6-Dinitrotoluene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2-Chloronaphthalene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2-Chlorophenol	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2-Methylnaphthalene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2-Methylphenol	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
2-Nitrophenol	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
3,3′-Dichlorobenzidine	ND (19.2)		8270D		1	12/23/21 2:50	D1L0460	DL12128
3+4-Methylphenol	ND (19.2)		8270D		1	12/23/21 2:50	D1L0460	DL12128
4-Bromophenyl-phenylether	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
4-Chloroaniline	ND (19.2)		8270D		1	12/23/21 2:50	D1L0460	DL12128
4-Nitrophenol	ND (48.1)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Acenaphthene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Acenaphthylene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Acetophenone	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Aniline	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Anthracene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Azobenzene	ND (19.2)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Benzo(a)anthracene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Benzo(a)pyrene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Benzo(b)fluoranthene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Benzo(g,h,i)perylene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Benzo(k)fluoranthene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 1040
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
bis(2-Chloroethoxy)methane	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
bis(2-Chloroethyl)ether	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
bis(2-chloroisopropyl)Ether	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
bis(2-Ethylhexyl)phthalate	ND (5.8)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Butylbenzylphthalate	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Chrysene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Dibenzo(a,h)Anthracene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Dibenzofuran	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Diethylphthalate	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Dimethylphthalate	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Di-n-butylphthalate	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Di-n-octylphthalate	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Fluoranthene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Fluorene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Hexachlorobenzene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Hexachlorobutadiene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Hexachloroethane	ND (4.8)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Indeno(1,2,3-cd)Pyrene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Isophorone	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Naphthalene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Nitrobenzene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
N-Nitrosodimethylamine	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Pentachlorophenol	ND (48.1)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Phenanthrene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Phenol	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128
Pyrene	ND (9.6)		8270D		1	12/23/21 2:50	D1L0460	DL12128

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*85 %*		*30-130*
Surrogate: 2,4,6-Tribromophenol	*90 %*		*15-110*
Surrogate: 2-Chlorophenol-d4	*93 %*		*15-110*
Surrogate: 2-Fluorobiphenyl	*84 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA
Client Sample ID: V-MW-1
Date Sampled: 12/18/21 16:30
Percent Solids: N/A
Initial Volume: 1040
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 21L0726
ESS Laboratory Sample ID: 21L0726-03
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 12/21/21 16:55

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Surrogate: 2-Fluorophenol		*81 %*		*15-110*				
Surrogate: Nitrobenzene-d5		*92 %*		*30-130*				
Surrogate: Phenol-d6		*96 %*		*15-110*				
Surrogate: p-Terphenyl-d14		*75 %*		*30-130*				

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Dissolved Metals										
Batch DL12043 - 200.7/6010BNoDigest										
Blank										
Barium	ND	50.0	ug/L							
Chromium	ND	10.0	ug/L							
Silver	ND	5.0	ug/L							
Blank										
Arsenic	ND	1.0	ug/L							
Cadmium	ND	1.0	ug/L							
Lead	ND	1.0	ug/L							
Selenium	ND	5.0	ug/L							
Blank										
Arsenic	ND	5.0	ug/L							
LCS										
Barium	0.5		mg/L	0.5000		100	80-120			
Chromium	0.5		mg/L	0.5000		100	80-120			
Silver	0.3		mg/L	0.2500		101	80-120			
LCS										
Arsenic	10.1		ug/L	10.00		101	80-120			
Cadmium	10.1		ug/L	10.05		101	80-120			
Lead	10.0		ug/L	9.990		100	80-120			
Selenium	10.8		ug/L	9.990		108	80-120			
LCS										
Arsenic	25.1		ug/L	25.00		100	80-120			
Batch DL12066 - 245.1/7470A										
Blank										
Mercury	ND	0.20	ug/L							
Blank										
Mercury	ND	0.20	ug/L							
LCS										
Mercury	6.11	0.20	ug/L	6.042		101	80-120			
LCS Dup										
Mercury	6.16	0.20	ug/L	6.042		102	80-120	0.7	20	
8082A Polychlorinated Biphenyls (PCB)										
Batch DL12105 - 3510C										
Blank										
Aroclor 1016	ND	0.05	ug/L							
Aroclor 1016 [2C]	ND	0.05	ug/L							
Aroclor 1221	ND	0.05	ug/L							
Aroclor 1221 [2C]	ND	0.05	ug/L							
Aroclor 1232	ND	0.05	ug/L							
Aroclor 1232 [2C]	ND	0.05	ug/L							
Aroclor 1242	ND	0.05	ug/L							

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8082A Polychlorinated Biphenyls (PCB)										
Batch DL12105 - 3510C										
Aroclor 1242 [2C]	ND	0.05	ug/L							
Aroclor 1248	ND	0.05	ug/L							
Aroclor 1248 [2C]	ND	0.05	ug/L							
Aroclor 1254	ND	0.05	ug/L							
Aroclor 1254 [2C]	ND	0.05	ug/L							
Aroclor 1260	ND	0.05	ug/L							
Aroclor 1260 [2C]	ND	0.05	ug/L							
Aroclor 1262	ND	0.05	ug/L							
Aroclor 1262 [2C]	ND	0.05	ug/L							
Aroclor 1268	ND	0.05	ug/L							
Aroclor 1268 [2C]	ND	0.05	ug/L							
Surrogate: Decachlorobiphenyl	*0.0396*		ug/L	*0.05000*		*79*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0349*		ug/L	*0.05000*		*70*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0406*		ug/L	*0.05000*		*81*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0436*		ug/L	*0.05000*		*87*	*30-150*			
LCS										
Aroclor 1016	0.83	0.05	ug/L	1.000		83	40-140			
Aroclor 1016 [2C]	0.83	0.05	ug/L	1.000		83	40-140			
Aroclor 1260	0.90	0.05	ug/L	1.000		90	40-140			
Aroclor 1260 [2C]	0.87	0.05	ug/L	1.000		87	40-140			
Surrogate: Decachlorobiphenyl	*0.0483*		ug/L	*0.05000*		*97*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0424*		ug/L	*0.05000*		*85*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0432*		ug/L	*0.05000*		*86*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0430*		ug/L	*0.05000*		*86*	*30-150*			
LCS Dup										
Aroclor 1016	0.85	0.05	ug/L	1.000		85	40-140	2	20	
Aroclor 1016 [2C]	0.84	0.05	ug/L	1.000		84	40-140	2	20	
Aroclor 1260	0.89	0.05	ug/L	1.000		89	40-140	1	20	
Aroclor 1260 [2C]	0.86	0.05	ug/L	1.000		86	40-140	1	20	
Surrogate: Decachlorobiphenyl	*0.0459*		ug/L	*0.05000*		*92*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0401*		ug/L	*0.05000*		*80*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0409*		ug/L	*0.05000*		*82*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0417*		ug/L	*0.05000*		*83*	*30-150*			
8100M Total Petroleum Hydrocarbons										
Batch DL12207 - 3510C										
Blank										
Decane (C10)	ND	5.00	ug/L							
Docosane (C22)	ND	5.00	ug/L							
Dodecane (C12)	ND	5.00	ug/L							
Eicosane (C20)	ND	5.00	ug/L							
Hexacosane (C26)	ND	5.00	ug/L							

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Quality Control Data

8100M Total Petroleum Hydrocarbons

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch DL12207 - 3510C										
Hexadecane (C16)	ND	5.00	ug/L							
Hexatriacontane (C36)	ND	5.00	ug/L							
Nonadecane (C19)	ND	5.00	ug/L							
Nonane (C9)	ND	5.00	ug/L							
Octacosane (C28)	ND	5.00	ug/L							
Octadecane (C18)	ND	5.00	ug/L							
Tetracosane (C24)	ND	5.00	ug/L							
Tetradecane (C14)	ND	5.00	ug/L							
Total Petroleum Hydrocarbons	ND	100	ug/L							
Triacontane (C30)	ND	5.00	ug/L							
Surrogate: O-Terphenyl	*97.3*		ug/L	*100.0*		*97*	*40-140*			
LCS										
Decane (C10)	42.6	5.00	ug/L	50.00		85	40-140			
Docosane (C22)	48.1	5.00	ug/L	50.00		96	40-140			
Dodecane (C12)	45.0	5.00	ug/L	50.00		90	40-140			
Eicosane (C20)	48.5	5.00	ug/L	50.00		97	40-140			
Hexacosane (C26)	48.9	5.00	ug/L	50.00		98	40-140			
Hexadecane (C16)	48.6	5.00	ug/L	50.00		97	40-140			
Hexatriacontane (C36)	52.7	5.00	ug/L	50.00		105	40-140			
Nonadecane (C19)	53.6	5.00	ug/L	50.00		107	40-140			
Nonane (C9)	36.1	5.00	ug/L	50.00		72	30-140			
Octacosane (C28)	48.2	5.00	ug/L	50.00		96	40-140			
Octadecane (C18)	48.4	5.00	ug/L	50.00		97	40-140			
Tetracosane (C24)	43.8	5.00	ug/L	50.00		88	40-140			
Tetradecane (C14)	47.3	5.00	ug/L	50.00		95	40-140			
Total Petroleum Hydrocarbons	643	100	ug/L	700.0		92	40-140			
Triacontane (C30)	48.5	5.00	ug/L	50.00		97	40-140			
Surrogate: O-Terphenyl	*94.1*		ug/L	*100.0*		*94*	*40-140*			
LCS Dup										
Decane (C10)	43.7	5.00	ug/L	50.00		87	40-140	3	25	
Docosane (C22)	49.5	5.00	ug/L	50.00		99	40-140	3	25	
Dodecane (C12)	47.3	5.00	ug/L	50.00		95	40-140	5	25	
Eicosane (C20)	49.8	5.00	ug/L	50.00		100	40-140	3	25	
Hexacosane (C26)	50.5	5.00	ug/L	50.00		101	40-140	3	25	
Hexadecane (C16)	50.4	5.00	ug/L	50.00		101	40-140	3	25	
Hexatriacontane (C36)	53.9	5.00	ug/L	50.00		108	40-140	2	25	
Nonadecane (C19)	56.2	5.00	ug/L	50.00		112	40-140	5	25	
Nonane (C9)	38.4	5.00	ug/L	50.00		77	30-140	6	25	
Octacosane (C28)	49.7	5.00	ug/L	50.00		99	40-140	3	25	
Octadecane (C18)	49.8	5.00	ug/L	50.00		100	40-140	3	25	
Tetracosane (C24)	45.1	5.00	ug/L	50.00		90	40-140	3	25	
Tetradecane (C14)	48.9	5.00	ug/L	50.00		98	40-140	3	25	
Total Petroleum Hydrocarbons	651	100	ug/L	700.0		93	40-140	1	25	

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8100M Total Petroleum Hydrocarbons										
Batch DL12207 - 3510C										
Triacontane (C30)	49.9	5.00	ug/L	50.00		100	40-140	3	25	
Surrogate: O-Terphenyl	*94.1*		ug/L	*100.0*		*94*	*40-140*			
8260B Volatile Organic Compounds										
Batch DL12123 - 5030B										
Blank										
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
1,1-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	1.0	ug/L							
1,1-Dichloropropene	ND	2.0	ug/L							
1,2,3-Trichlorobenzene	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
1,2,4-Trichlorobenzene	ND	1.0	ug/L							
1,2,4-Trimethylbenzene	ND	1.0	ug/L							
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/L							
1,2-Dibromoethane	ND	1.0	ug/L							
1,2-Dichlorobenzene	ND	1.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
1,3,5-Trimethylbenzene	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,3-Dichloropropane	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dioxane - Screen	ND	500	ug/L							
2,2-Dichloropropane	ND	1.0	ug/L							
2-Butanone	ND	10.0	ug/L							
2-Chlorotoluene	ND	1.0	ug/L							
2-Hexanone	ND	10.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
4-Isopropyltoluene	ND	1.0	ug/L							
4-Methyl-2-Pentanone	ND	10.0	ug/L							
Acetone	ND	10.0	ug/L							
Benzene	ND	1.0	ug/L							
Bromobenzene	ND	2.0	ug/L							
Bromochloromethane	ND	1.0	ug/L							
Bromodichloromethane	ND	0.6	ug/L							
Bromoform	ND	1.0	ug/L							
Bromomethane	ND	2.0	ug/L							
Carbon Disulfide	ND	1.0	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch DL12123 - 5030B										
Chloroethane	ND	2.0	ug/L							
Chloroform	ND	1.0	ug/L							
Chloromethane	ND	2.0	ug/L							
cis-1,2-Dichloroethene	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	0.4	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
Dichlorodifluoromethane	ND	2.0	ug/L							
Diethyl Ether	ND	1.0	ug/L							
Di-isopropyl ether	ND	1.0	ug/L							
Ethyl tertiary-butyl ether	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Hexachlorobutadiene	ND	0.6	ug/L							
Hexachloroethane	ND	1.0	ug/L							
Isopropylbenzene	ND	1.0	ug/L							
Methyl tert-Butyl Ether	ND	1.0	ug/L							
Methylene Chloride	ND	2.0	ug/L							
Naphthalene	ND	1.0	ug/L							
n-Butylbenzene	ND	1.0	ug/L							
n-Propylbenzene	ND	1.0	ug/L							
sec-Butylbenzene	ND	1.0	ug/L							
Styrene	ND	1.0	ug/L							
tert-Butylbenzene	ND	1.0	ug/L							
Tertiary-amyl methyl ether	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Tetrahydrofuran	ND	5.0	ug/L							
Toluene	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	0.4	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
Xylene O	ND	1.0	ug/L							
Xylene P,M	ND	2.0	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*27.0*		ug/L	*25.00*		*108*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*23.8*		ug/L	*25.00*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*24.6*		ug/L	*25.00*		*98*	*70-130*			
Surrogate: Toluene-d8	*25.5*		ug/L	*25.00*		*102*	*70-130*			
LCS										
1,1,1,2-Tetrachloroethane	9.2	1.0	ug/L	10.00		92	70-130			
1,1,1-Trichloroethane	10.1	1.0	ug/L	10.00		101	70-130			
1,1,2,2-Tetrachloroethane	10.5	0.5	ug/L	10.00		105	70-130			
1,1,2-Trichloroethane	9.9	1.0	ug/L	10.00		99	70-130			
1,1-Dichloroethane	10.0	1.0	ug/L	10.00		100	70-130			
1,1-Dichloroethene	11.1	1.0	ug/L	10.00		111	70-130			

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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch DL12123 - 5030B										
1,1-Dichloropropene	10.5	2.0	ug/L	10.00		105	70-130			
1,2,3-Trichlorobenzene	9.9	1.0	ug/L	10.00		99	70-130			
1,2,3-Trichloropropane	9.5	1.0	ug/L	10.00		95	70-130			
1,2,4-Trichlorobenzene	9.8	1.0	ug/L	10.00		98	70-130			
1,2,4-Trimethylbenzene	10.1	1.0	ug/L	10.00		101	70-130			
1,2-Dibromo-3-Chloropropane	8.2	5.0	ug/L	10.00		82	70-130			
1,2-Dibromoethane	9.7	1.0	ug/L	10.00		97	70-130			
1,2-Dichlorobenzene	10.4	1.0	ug/L	10.00		104	70-130			
1,2-Dichloroethane	10.6	1.0	ug/L	10.00		106	70-130			
1,2-Dichloropropane	9.7	1.0	ug/L	10.00		97	70-130			
1,3,5-Trimethylbenzene	10.3	1.0	ug/L	10.00		103	70-130			
1,3-Dichlorobenzene	10.5	1.0	ug/L	10.00		105	70-130			
1,3-Dichloropropane	10.4	1.0	ug/L	10.00		104	70-130			
1,4-Dichlorobenzene	10.6	1.0	ug/L	10.00		106	70-130			
1,4-Dioxane - Screen	219	500	ug/L	200.0		109	0-332			
2,2-Dichloropropane	10.0	1.0	ug/L	10.00		100	70-130			
2-Butanone	58.8	10.0	ug/L	50.00		118	70-130			
2-Chlorotoluene	10.6	1.0	ug/L	10.00		106	70-130			
2-Hexanone	59.8	10.0	ug/L	50.00		120	70-130			
4-Chlorotoluene	10.6	1.0	ug/L	10.00		106	70-130			
4-Isopropyltoluene	10.0	1.0	ug/L	10.00		100	70-130			
4-Methyl-2-Pentanone	51.0	10.0	ug/L	50.00		102	70-130			
Acetone	68.0	10.0	ug/L	50.00		136	70-130			B+
Benzene	10.2	1.0	ug/L	10.00		102	70-130			
Bromobenzene	10.4	2.0	ug/L	10.00		104	70-130			
Bromochloromethane	10.3	1.0	ug/L	10.00		103	70-130			
Bromodichloromethane	10.5	0.6	ug/L	10.00		105	70-130			
Bromoform	8.5	1.0	ug/L	10.00		85	70-130			
Bromomethane	5.8	2.0	ug/L	10.00		58	70-130			B-
Carbon Disulfide	10.0	1.0	ug/L	10.00		100	70-130			
Carbon Tetrachloride	10.0	1.0	ug/L	10.00		100	70-130			
Chlorobenzene	10.2	1.0	ug/L	10.00		102	70-130			
Chloroethane	11.1	2.0	ug/L	10.00		111	70-130			
Chloroform	10.5	1.0	ug/L	10.00		105	70-130			
Chloromethane	9.3	2.0	ug/L	10.00		93	70-130			
cis-1,2-Dichloroethene	10.7	1.0	ug/L	10.00		107	70-130			
cis-1,3-Dichloropropene	9.5	0.4	ug/L	10.00		95	70-130			
Dibromochloromethane	9.6	1.0	ug/L	10.00		96	70-130			
Dibromomethane	9.9	1.0	ug/L	10.00		99	70-130			
Dichlorodifluoromethane	9.8	2.0	ug/L	10.00		98	70-130			
Diethyl Ether	10.7	1.0	ug/L	10.00		107	70-130			
Di-isopropyl ether	10.5	1.0	ug/L	10.00		105	70-130			
Ethyl tertiary-butyl ether	10.1	1.0	ug/L	10.00		101	70-130			
Ethylbenzene	10.1	1.0	ug/L	10.00		101	70-130			
Hexachlorobutadiene	9.8	0.6	ug/L	10.00		98	70-130			

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch DL12123 - 5030B										
Hexachloroethane	8.9	1.0	ug/L	10.00		89	70-130			
Isopropylbenzene	10.4	1.0	ug/L	10.00		104	70-130			
Methyl tert-Butyl Ether	10.3	1.0	ug/L	10.00		103	70-130			
Methylene Chloride	10.0	2.0	ug/L	10.00		100	70-130			
Naphthalene	9.3	1.0	ug/L	10.00		93	70-130			
n-Butylbenzene	10.3	1.0	ug/L	10.00		103	70-130			
n-Propylbenzene	10.5	1.0	ug/L	10.00		105	70-130			
sec-Butylbenzene	10.1	1.0	ug/L	10.00		101	70-130			
Styrene	9.0	1.0	ug/L	10.00		90	70-130			
tert-Butylbenzene	10.4	1.0	ug/L	10.00		104	70-130			
Tertiary-amyl methyl ether	9.5	1.0	ug/L	10.00		95	70-130			
Tetrachloroethene	8.5	1.0	ug/L	10.00		85	70-130			
Tetrahydrofuran	10.9	5.0	ug/L	10.00		109	70-130			
Toluene	10.2	1.0	ug/L	10.00		102	70-130			
trans-1,2-Dichloroethene	10.6	1.0	ug/L	10.00		106	70-130			
trans-1,3-Dichloropropene	8.9	0.4	ug/L	10.00		89	70-130			
Trichloroethene	10.1	1.0	ug/L	10.00		101	70-130			
Trichlorofluoromethane	11.8	1.0	ug/L	10.00		118	70-130			
Vinyl Chloride	12.1	1.0	ug/L	10.00		121	70-130			
Xylene O	9.7	1.0	ug/L	10.00		97	70-130			
Xylene P,M	20.0	2.0	ug/L	20.00		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.8*		ug/L	*25.00*		*107*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*24.4*		ug/L	*25.00*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*25.5*		ug/L	*25.00*		*102*	*70-130*			
Surrogate: Toluene-d8	*25.2*		ug/L	*25.00*		*101*	*70-130*			
LCS Dup										
1,1,1,2-Tetrachloroethane	9.2	1.0	ug/L	10.00		92	70-130	0.7	20	
1,1,1-Trichloroethane	10.2	1.0	ug/L	10.00		102	70-130	0.7	20	
1,1,2,2-Tetrachloroethane	10.4	0.5	ug/L	10.00		104	70-130	0.8	20	
1,1,2-Trichloroethane	9.9	1.0	ug/L	10.00		99	70-130	0.2	20	
1,1-Dichloroethane	10.2	1.0	ug/L	10.00		102	70-130	2	20	
1,1-Dichloroethene	11.3	1.0	ug/L	10.00		113	70-130	2	20	
1,1-Dichloropropene	10.7	2.0	ug/L	10.00		107	70-130	2	20	
1,2,3-Trichlorobenzene	9.6	1.0	ug/L	10.00		96	70-130	3	20	
1,2,3-Trichloropropane	9.6	1.0	ug/L	10.00		96	70-130	1	20	
1,2,4-Trichlorobenzene	9.7	1.0	ug/L	10.00		97	70-130	2	20	
1,2,4-Trimethylbenzene	10.1	1.0	ug/L	10.00		101	70-130	0.2	20	
1,2-Dibromo-3-Chloropropane	8.1	5.0	ug/L	10.00		81	70-130	0.6	20	
1,2-Dibromoethane	9.8	1.0	ug/L	10.00		98	70-130	0.5	20	
1,2-Dichlorobenzene	10.4	1.0	ug/L	10.00		104	70-130	0	20	
1,2-Dichloroethane	10.8	1.0	ug/L	10.00		108	70-130	2	20	
1,2-Dichloropropane	9.8	1.0	ug/L	10.00		98	70-130	0.4	20	
1,3,5-Trimethylbenzene	10.4	1.0	ug/L	10.00		104	70-130	1	20	
1,3-Dichlorobenzene	10.4	1.0	ug/L	10.00		104	70-130	1	20	
1,3-Dichloropropane	10.4	1.0	ug/L	10.00		104	70-130	0.1	20	

CERTIFICATE OF ANALYSIS

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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch DL12123 - 5030B										
1,4-Dichlorobenzene	10.6	1.0	ug/L	10.00		106	70-130	0.5	20	
1,4-Dioxane - Screen	218	500	ug/L	200.0		109	0-332	0.4	200	
2,2-Dichloropropane	10.2	1.0	ug/L	10.00		102	70-130	2	20	
2-Butanone	59.3	10.0	ug/L	50.00		119	70-130	1	20	
2-Chlorotoluene	10.6	1.0	ug/L	10.00		106	70-130	0.09	20	
2-Hexanone	60.4	10.0	ug/L	50.00		121	70-130	0.9	20	
4-Chlorotoluene	10.6	1.0	ug/L	10.00		106	70-130	0.2	20	
4-Isopropyltoluene	10.0	1.0	ug/L	10.00		100	70-130	0.1	20	
4-Methyl-2-Pentanone	51.1	10.0	ug/L	50.00		102	70-130	0.3	20	
Acetone	68.6	10.0	ug/L	50.00		137	70-130	0.9	20	B+
Benzene	10.3	1.0	ug/L	10.00		103	70-130	1	20	
Bromobenzene	10.4	2.0	ug/L	10.00		104	70-130	0.1	20	
Bromochloromethane	10.4	1.0	ug/L	10.00		104	70-130	0.4	20	
Bromodichloromethane	10.5	0.6	ug/L	10.00		105	70-130	0.4	20	
Bromoform	8.3	1.0	ug/L	10.00		83	70-130	2	20	
Bromomethane	5.7	2.0	ug/L	10.00		57	70-130	0.3	20	B-
Carbon Disulfide	10.4	1.0	ug/L	10.00		104	70-130	5	20	
Carbon Tetrachloride	10.0	1.0	ug/L	10.00		100	70-130	0.3	20	
Chlorobenzene	10.2	1.0	ug/L	10.00		102	70-130	0.8	20	
Chloroethane	11.3	2.0	ug/L	10.00		113	70-130	2	20	
Chloroform	10.6	1.0	ug/L	10.00		106	70-130	1	20	
Chloromethane	9.7	2.0	ug/L	10.00		97	70-130	4	20	
cis-1,2-Dichloroethene	11.1	1.0	ug/L	10.00		111	70-130	4	20	
cis-1,3-Dichloropropene	9.4	0.4	ug/L	10.00		94	70-130	0.9	20	
Dibromochloromethane	9.7	1.0	ug/L	10.00		97	70-130	0.5	20	
Dibromomethane	10.0	1.0	ug/L	10.00		100	70-130	2	20	
Dichlorodifluoromethane	10.1	2.0	ug/L	10.00		101	70-130	3	20	
Diethyl Ether	11.5	1.0	ug/L	10.00		115	70-130	8	20	
Di-isopropyl ether	10.6	1.0	ug/L	10.00		106	70-130	0.2	20	
Ethyl tertiary-butyl ether	10.2	1.0	ug/L	10.00		102	70-130	1	20	
Ethylbenzene	10.1	1.0	ug/L	10.00		101	70-130	0.5	20	
Hexachlorobutadiene	9.5	0.6	ug/L	10.00		95	70-130	4	20	
Hexachloroethane	9.0	1.0	ug/L	10.00		90	70-130	1	20	
Isopropylbenzene	10.4	1.0	ug/L	10.00		104	70-130	0.4	20	
Methyl tert-Butyl Ether	10.4	1.0	ug/L	10.00		104	70-130	0.6	20	
Methylene Chloride	10.0	2.0	ug/L	10.00		100	70-130	0.9	20	
Naphthalene	9.3	1.0	ug/L	10.00		93	70-130	0.4	20	
n-Butylbenzene	10.2	1.0	ug/L	10.00		102	70-130	2	20	
n-Propylbenzene	10.4	1.0	ug/L	10.00		104	70-130	0.7	20	
sec-Butylbenzene	10.1	1.0	ug/L	10.00		101	70-130	0.2	20	
Styrene	9.1	1.0	ug/L	10.00		91	70-130	0.2	20	
tert-Butylbenzene	10.3	1.0	ug/L	10.00		103	70-130	0.5	20	
Tertiary-amyl methyl ether	9.6	1.0	ug/L	10.00		96	70-130	1	20	
Tetrachloroethene	9.2	1.0	ug/L	10.00		92	70-130	9	20	
Tetrahydrofuran	11.5	5.0	ug/L	10.00		115	70-130	5	20	

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ESS Laboratory Work Order: 21L0726

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8260B Volatile Organic Compounds										
Batch DL12123 - 5030B										
Toluene	10.3	1.0	ug/L	10.00		103	70-130	1	20	
trans-1,2-Dichloroethene	11.1	1.0	ug/L	10.00		111	70-130	5	20	
trans-1,3-Dichloropropene	9.0	0.4	ug/L	10.00		90	70-130	0.7	20	
Trichloroethene	10.2	1.0	ug/L	10.00		102	70-130	1	20	
Trichlorofluoromethane	11.8	1.0	ug/L	10.00		118	70-130	0.7	20	
Vinyl Chloride	12.6	1.0	ug/L	10.00		126	70-130	4	20	
Xylene O	9.8	1.0	ug/L	10.00		98	70-130	1	20	
Xylene P,M	20.1	2.0	ug/L	20.00		100	70-130	0.3	20	
Surrogate: 1,2-Dichloroethane-d4	*27.0*		ug/L	*25.00*		*108*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*24.3*		ug/L	*25.00*		*97*	*70-130*			
Surrogate: Dibromofluoromethane	*25.3*		ug/L	*25.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*25.0*		ug/L	*25.00*		*100*	*70-130*			
8270D Semi-Volatile Organic Compounds										
Batch DL12128 - 3520C										
Blank										
1,2,4-Trichlorobenzene	ND	10.0	ug/L							
1,2-Dichlorobenzene	ND	10.0	ug/L							
1,3-Dichlorobenzene	ND	10.0	ug/L							
1,4-Dichlorobenzene	ND	10.0	ug/L							
2,4,5-Trichlorophenol	ND	10.0	ug/L							
2,4,6-Trichlorophenol	ND	10.0	ug/L							
2,4-Dichlorophenol	ND	10.0	ug/L							
2,4-Dimethylphenol	ND	50.0	ug/L							
2,4-Dinitrophenol	ND	50.0	ug/L							
2,4-Dinitrotoluene	ND	10.0	ug/L							
2,6-Dinitrotoluene	ND	10.0	ug/L							
2-Chloronaphthalene	ND	10.0	ug/L							
2-Chlorophenol	ND	10.0	ug/L							
2-Methylnaphthalene	ND	10.0	ug/L							
2-Methylphenol	ND	10.0	ug/L							
2-Nitrophenol	ND	10.0	ug/L							
3,3´-Dichlorobenzidine	ND	20.0	ug/L							
3+4-Methylphenol	ND	20.0	ug/L							
4-Bromophenyl-phenylether	ND	10.0	ug/L							
4-Chloroaniline	ND	20.0	ug/L							
4-Nitrophenol	ND	50.0	ug/L							
Acenaphthene	ND	10.0	ug/L							
Acenaphthylene	ND	10.0	ug/L							
Acetophenone	ND	10.0	ug/L							
Aniline	ND	10.0	ug/L							
Anthracene	ND	10.0	ug/L							
Azobenzene	ND	20.0	ug/L							
Benzo(a)anthracene	ND	10.0	ug/L							
Benzo(a)pyrene	ND	10.0	ug/L							

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DL12128 - 3520C										
Benzo(b)fluoranthene	ND	10.0	ug/L							
Benzo(g,h,i)perylene	ND	10.0	ug/L							
Benzo(k)fluoranthene	ND	10.0	ug/L							
bis(2-Chloroethoxy)methane	ND	10.0	ug/L							
bis(2-Chloroethyl)ether	ND	10.0	ug/L							
bis(2-chloroisopropyl)Ether	ND	10.0	ug/L							
bis(2-Ethylhexyl)phthalate	ND	6.0	ug/L							
Butylbenzylphthalate	ND	10.0	ug/L							
Chrysene	ND	10.0	ug/L							
Dibenzo(a,h)Anthracene	ND	10.0	ug/L							
Dibenzofuran	ND	10.0	ug/L							
Diethylphthalate	ND	10.0	ug/L							
Dimethylphthalate	ND	10.0	ug/L							
Di-n-butylphthalate	ND	10.0	ug/L							
Di-n-octylphthalate	ND	10.0	ug/L							
Fluoranthene	ND	10.0	ug/L							
Fluorene	ND	10.0	ug/L							
Hexachlorobenzene	ND	10.0	ug/L							
Hexachlorobutadiene	ND	10.0	ug/L							
Hexachloroethane	ND	5.0	ug/L							
Indeno(1,2,3-cd)Pyrene	ND	10.0	ug/L							
Isophorone	ND	10.0	ug/L							
Naphthalene	ND	10.0	ug/L							
Nitrobenzene	ND	10.0	ug/L							
N-Nitrosodimethylamine	ND	10.0	ug/L							
Pentachlorophenol	ND	50.0	ug/L							
Phenanthrene	ND	10.0	ug/L							
Phenol	ND	10.0	ug/L							
Pyrene	ND	10.0	ug/L							
Surrogate: 1,2-Dichlorobenzene-d4	*69.2*		ug/L	*100.0*		*69*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*89.9*		ug/L	*150.0*		*60*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*111*		ug/L	*150.0*		*74*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*69.8*		ug/L	*100.0*		*70*	*30-130*			
Surrogate: 2-Fluorophenol	*101*		ug/L	*150.0*		*67*	*15-110*			
Surrogate: Nitrobenzene-d5	*75.2*		ug/L	*100.0*		*75*	*30-130*			
Surrogate: Phenol-d6	*112*		ug/L	*150.0*		*74*	*15-110*			
Surrogate: p-Terphenyl-d14	*76.9*		ug/L	*100.0*		*77*	*30-130*			
LCS										
1,2,4-Trichlorobenzene	83.9	10.0	ug/L	100.0		84	40-140			
1,2-Dichlorobenzene	84.6	10.0	ug/L	100.0		85	40-140			
1,3-Dichlorobenzene	78.3	10.0	ug/L	100.0		78	40-140			
1,4-Dichlorobenzene	83.2	10.0	ug/L	100.0		83	40-140			
2,4,5-Trichlorophenol	89.6	10.0	ug/L	100.0		90	30-130			
2,4,6-Trichlorophenol	88.4	10.0	ug/L	100.0		88	30-130			
2,4-Dichlorophenol	94.9	10.0	ug/L	100.0		95	30-130			

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DL12128 - 3520C										
2,4-Dimethylphenol	85.0	50.0	ug/L	100.0		85	30-130			
2,4-Dinitrophenol	117	50.0	ug/L	100.0		117	30-130			
2,4-Dinitrotoluene	98.1	10.0	ug/L	100.0		98	40-140			
2,6-Dinitrotoluene	94.4	10.0	ug/L	100.0		94	40-140			
2-Chloronaphthalene	85.9	10.0	ug/L	100.0		86	40-140			
2-Chlorophenol	95.5	10.0	ug/L	100.0		96	30-130			
2-Methylnaphthalene	91.6	10.0	ug/L	100.0		92	40-140			
2-Methylphenol	105	10.0	ug/L	100.0		105	30-130			
2-Nitrophenol	92.1	10.0	ug/L	100.0		92	30-130			
3,3´-Dichlorobenzidine	83.1	20.0	ug/L	100.0		83	40-140			
3+4-Methylphenol	207	20.0	ug/L	200.0		103	30-130			
4-Bromophenyl-phenylether	91.0	10.0	ug/L	100.0		91	40-140			
4-Chloroaniline	74.9	20.0	ug/L	100.0		75	40-140			
4-Nitrophenol	79.6	50.0	ug/L	100.0		80	30-130			
Acenaphthene	89.9	10.0	ug/L	100.0		90	40-140			
Acenaphthylene	80.3	10.0	ug/L	100.0		80	40-140			
Acetophenone	101	10.0	ug/L	100.0		101	40-140			
Aniline	82.4	10.0	ug/L	100.0		82	40-140			
Anthracene	93.6	10.0	ug/L	100.0		94	40-140			
Azobenzene	92.2	20.0	ug/L	100.0		92	40-140			
Benzo(a)anthracene	102	10.0	ug/L	100.0		102	40-140			
Benzo(a)pyrene	90.2	10.0	ug/L	100.0		90	40-140			
Benzo(b)fluoranthene	99.9	10.0	ug/L	100.0		100	40-140			
Benzo(g,h,i)perylene	91.7	10.0	ug/L	100.0		92	40-140			
Benzo(k)fluoranthene	99.6	10.0	ug/L	100.0		100	40-140			
bis(2-Chloroethoxy)methane	97.6	10.0	ug/L	100.0		98	40-140			
bis(2-Chloroethyl)ether	113	10.0	ug/L	100.0		113	40-140			
bis(2-chloroisopropyl)Ether	96.9	10.0	ug/L	100.0		97	40-140			
bis(2-Ethylhexyl)phthalate	103	6.0	ug/L	100.0		103	40-140			
Butylbenzylphthalate	96.7	10.0	ug/L	100.0		97	40-140			
Chrysene	101	10.0	ug/L	100.0		101	40-140			
Dibenzo(a,h)Anthracene	98.4	10.0	ug/L	100.0		98	40-140			
Dibenzofuran	91.8	10.0	ug/L	100.0		92	40-140			
Diethylphthalate	96.8	10.0	ug/L	100.0		97	40-140			
Dimethylphthalate	95.2	10.0	ug/L	100.0		95	40-140			
Di-n-butylphthalate	102	10.0	ug/L	100.0		102	40-140			
Di-n-octylphthalate	102	10.0	ug/L	100.0		102	40-140			
Fluoranthene	98.2	10.0	ug/L	100.0		98	40-140			
Fluorene	98.8	10.0	ug/L	100.0		99	40-140			
Hexachlorobenzene	87.5	10.0	ug/L	100.0		87	40-140			
Hexachlorobutadiene	73.8	10.0	ug/L	100.0		74	40-140			
Hexachloroethane	82.6	5.0	ug/L	100.0		83	40-140			
Indeno(1,2,3-cd)Pyrene	97.0	10.0	ug/L	100.0		97	40-140			
Isophorone	91.9	10.0	ug/L	100.0		92	40-140			
Naphthalene	87.8	10.0	ug/L	100.0		88	40-140			

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DL12128 - 3520C										
Nitrobenzene	88.8	10.0	ug/L	100.0		89	40-140			
N-Nitrosodimethylamine	67.2	10.0	ug/L	100.0		67	40-140			
Pentachlorophenol	99.9	50.0	ug/L	100.0		100	30-130			
Phenanthrene	92.0	10.0	ug/L	100.0		92	40-140			
Phenol	95.1	10.0	ug/L	100.0		95	30-130			
Pyrene	95.8	10.0	ug/L	100.0		96	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*96.6*		ug/L	*100.0*		*97*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*150*		ug/L	*150.0*		*100*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*157*		ug/L	*150.0*		*105*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*98.1*		ug/L	*100.0*		*98*	*30-130*			
Surrogate: 2-Fluorophenol	*147*		ug/L	*150.0*		*98*	*15-110*			
Surrogate: Nitrobenzene-d5	*102*		ug/L	*100.0*		*102*	*30-130*			
Surrogate: Phenol-d6	*164*		ug/L	*150.0*		*110*	*15-110*			
Surrogate: p-Terphenyl-d14	*108*		ug/L	*100.0*		*108*	*30-130*			
LCS Dup										
1,2,4-Trichlorobenzene	81.6	10.0	ug/L	100.0		82	40-140	3	20	
1,2-Dichlorobenzene	83.3	10.0	ug/L	100.0		83	40-140	2	20	
1,3-Dichlorobenzene	76.4	10.0	ug/L	100.0		76	40-140	2	20	
1,4-Dichlorobenzene	80.9	10.0	ug/L	100.0		81	40-140	3	20	
2,4,5-Trichlorophenol	90.2	10.0	ug/L	100.0		90	30-130	0.7	20	
2,4,6-Trichlorophenol	87.0	10.0	ug/L	100.0		87	30-130	2	20	
2,4-Dichlorophenol	91.9	10.0	ug/L	100.0		92	30-130	3	20	
2,4-Dimethylphenol	83.1	50.0	ug/L	100.0		83	30-130	2	20	
2,4-Dinitrophenol	126	50.0	ug/L	100.0		126	30-130	8	20	
2,4-Dinitrotoluene	94.5	10.0	ug/L	100.0		95	40-140	4	20	
2,6-Dinitrotoluene	92.9	10.0	ug/L	100.0		93	40-140	2	20	
2-Chloronaphthalene	85.3	10.0	ug/L	100.0		85	40-140	0.6	20	
2-Chlorophenol	93.4	10.0	ug/L	100.0		93	30-130	2	20	
2-Methylnaphthalene	87.9	10.0	ug/L	100.0		88	40-140	4	20	
2-Methylphenol	101	10.0	ug/L	100.0		101	30-130	4	20	
2-Nitrophenol	90.2	10.0	ug/L	100.0		90	30-130	2	20	
3,3´-Dichlorobenzidine	84.0	20.0	ug/L	100.0		84	40-140	1	20	
3+4-Methylphenol	198	20.0	ug/L	200.0		99	30-130	4	20	
4-Bromophenyl-phenylether	89.7	10.0	ug/L	100.0		90	40-140	1	20	
4-Chloroaniline	76.2	20.0	ug/L	100.0		76	40-140	2	20	
4-Nitrophenol	76.7	50.0	ug/L	100.0		77	30-130	4	20	
Acenaphthene	88.6	10.0	ug/L	100.0		89	40-140	1	20	
Acenaphthylene	78.8	10.0	ug/L	100.0		79	40-140	2	20	
Acetophenone	97.9	10.0	ug/L	100.0		98	40-140	3	20	
Aniline	80.7	10.0	ug/L	100.0		81	40-140	2	20	
Anthracene	91.0	10.0	ug/L	100.0		91	40-140	3	20	
Azobenzene	91.5	20.0	ug/L	100.0		91	40-140	0.8	20	
Benzo(a)anthracene	99.7	10.0	ug/L	100.0		100	40-140	2	20	
Benzo(a)pyrene	88.1	10.0	ug/L	100.0		88	40-140	2	20	
Benzo(b)fluoranthene	99.2	10.0	ug/L	100.0		99	40-140	0.8	20	

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
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Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DL12128 - 3520C										
Benzo(g,h,i)perylene	85.3	10.0	ug/L	100.0		85	40-140	7	20	
Benzo(k)fluoranthene	95.4	10.0	ug/L	100.0		95	40-140	4	20	
bis(2-Chloroethoxy)methane	94.8	10.0	ug/L	100.0		95	40-140	3	20	
bis(2-Chloroethyl)ether	110	10.0	ug/L	100.0		110	40-140	2	20	
bis(2-chloroisopropyl)Ether	94.7	10.0	ug/L	100.0		95	40-140	2	20	
bis(2-Ethylhexyl)phthalate	99.9	6.0	ug/L	100.0		100	40-140	3	20	
Butylbenzylphthalate	94.0	10.0	ug/L	100.0		94	40-140	3	20	
Chrysene	98.0	10.0	ug/L	100.0		98	40-140	3	20	
Dibenzo(a,h)Anthracene	92.8	10.0	ug/L	100.0		93	40-140	6	20	
Dibenzofuran	89.8	10.0	ug/L	100.0		90	40-140	2	20	
Diethylphthalate	92.1	10.0	ug/L	100.0		92	40-140	5	20	
Dimethylphthalate	92.2	10.0	ug/L	100.0		92	40-140	3	20	
Di-n-butylphthalate	97.6	10.0	ug/L	100.0		98	40-140	4	20	
Di-n-octylphthalate	98.7	10.0	ug/L	100.0		99	40-140	4	20	
Fluoranthene	94.3	10.0	ug/L	100.0		94	40-140	4	20	
Fluorene	96.3	10.0	ug/L	100.0		96	40-140	3	20	
Hexachlorobenzene	86.2	10.0	ug/L	100.0		86	40-140	2	20	
Hexachlorobutadiene	71.7	10.0	ug/L	100.0		72	40-140	3	20	
Hexachloroethane	79.8	5.0	ug/L	100.0		80	40-140	3	20	
Indeno(1,2,3-cd)Pyrene	89.3	10.0	ug/L	100.0		89	40-140	8	20	
Isophorone	88.4	10.0	ug/L	100.0		88	40-140	4	20	
Naphthalene	85.8	10.0	ug/L	100.0		86	40-140	2	20	
Nitrobenzene	86.7	10.0	ug/L	100.0		87	40-140	2	20	
N-Nitrosodimethylamine	65.8	10.0	ug/L	100.0		66	40-140	2	20	
Pentachlorophenol	97.5	50.0	ug/L	100.0		98	30-130	2	20	
Phenanthrene	89.4	10.0	ug/L	100.0		89	40-140	3	20	
Phenol	93.2	10.0	ug/L	100.0		93	30-130	2	20	
Pyrene	93.7	10.0	ug/L	100.0		94	40-140	2	20	
Surrogate: 1,2-Dichlorobenzene-d4	*91.9*		ug/L	*100.0*		*92*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*141*		ug/L	*150.0*		*94*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*150*		ug/L	*150.0*		*100*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*95.1*		ug/L	*100.0*		*95*	*30-130*			
Surrogate: 2-Fluorophenol	*139*		ug/L	*150.0*		*92*	*15-110*			
Surrogate: Nitrobenzene-d5	*99.0*		ug/L	*100.0*		*99*	*30-130*			
Surrogate: Phenol-d6	*159*		ug/L	*150.0*		*106*	*15-110*			
Surrogate: p-Terphenyl-d14	*102*		ug/L	*100.0*		*102*	*30-130*			

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

Notes and Definitions

U	Analyte included in the analysis, but not detected
Q	Calibration required quadratic regression (Q).
ICV+	Initial Calibration Verification recovery is above upper control limit (ICV+).
CD+	Continuing Calibration %Diff/Drift is above control limit (CD+).
CD-	Continuing Calibration %Diff/Drift is below control limit (CD-).
B+	Blank Spike recovery is above upper control limit (B+).
B-	Blank Spike recovery is below lower control limit (B-).
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report
RL	Reporting Limit
EDL	Estimated Detection Limit
MF	Membrane Filtration
MPN	Most Probable Number
TNTC	Too numerous to Count
CFU	Colony Forming Units

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 34 Dudley St Arlington MA

ESS Laboratory Work Order: 21L0726

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/partners/labCert.shtml

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAMEA&Select+a+Site:=58715

Pennsylvania: 68-01752
http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx

ESS Laboratory Sample and Cooler Receipt Checklist

Client: The Vertex Companies - TB

Shipped/Delivered Via: ESS Courier

ESS Project ID: 21L0726
Date Received: 12/20/2021
Project Due Date: 12/27/2021
Days for Project: 4 Day

1. Air bill manifest present? No
   Air No.: NA
2. Were custody seals present? No
3. Is radiation count <100 CPM? Yes
4. Is a Cooler Present? Yes
   Temp: 2.5 Iced with: Ice
5. Was COC signed and dated by client? Yes
6. Does COC match bottles? Yes
7. Is COC complete and correct? Yes
8. Were samples received intact? Yes
9. **Were labs informed about short holds & rushes?** (Yes) / No / NA
10. Were any analyses received outside of hold time? Yes / (No)

11. Any Subcontracting needed? Yes / (No)
    ESS Sample IDs:
    Analysis:
    TAT:
12. Were VOAs received? (Yes) / No
    a. Air bubbles in aqueous VOAs? Yes / (No)
    b. Does methanol cover soil completely? Yes / No / NA

13. Are the samples properly preserved? (Yes) / No
    a. If metals preserved upon receipt: Date: Time: By:
    b. Low Level VOA vials frozen: Date: Time: By:

Sample Receiving Notes:

The bags were labeled for the vials instead of on the container.

14. Was there a need to contact Project Manager? Yes / (No)
    a. Was there a need to contact the client? Yes / No
    Who was contacted? Date: Time: By:

Sample Number	Container ID	Proper Container	Air Bubbles Present	Sufficient Volume	Container Type	Preservative	Record pH (Cyanide and 608 Pesticides)
1	243914	Yes	N/A	Yes	250 mL Poly	HNO3	
1	243917	Yes	No	Yes	VOA Vial	HCl	
1	243918	Yes	No	Yes	VOA Vial	HCl	
1	243919	Yes	No	Yes	VOA Vial	HCl	
1	243926	Yes	N/A	Yes	1L Amber	NP	
1	243927	Yes	N/A	Yes	1L Amber	NP	
1	243928	Yes	N/A	Yes	1L Amber	NP	
2	243915	Yes	N/A	Yes	250 mL Poly	HNO3	
2	243920	Yes	No	Yes	VOA Vial	HCl	
2	243921	Yes	No	Yes	VOA Vial	HCl	
2	243922	Yes	No	Yes	VOA Vial	HCl	
2	243929	Yes	N/A	Yes	1L Amber	NP	
2	243930	Yes	N/A	Yes	1L Amber	NP	
2	243931	Yes	N/A	Yes	1L Amber	NP	
3	243916	Yes	N/A	Yes	250 mL Poly	HNO3	
3	243923	Yes	No	Yes	VOA Vial	HCl	

ESS Laboratory Sample and Cooler Receipt Checklist

Client: The Vertex Companies - TB

ESS Project ID: 21L0726
Date Received: 12/20/2021

3	243924	Yes	No	Yes	VOA Vial	HCl
3	243925	Yes	No	Yes	VOA Vial	HCl
3	243932	Yes	N/A	Yes	1L Amber	NP
3	243933	Yes	N/A	Yes	1L Amber	NP
3	243934	Yes	N/A	Yes	1L Amber	NP

2nd Review

Were all containers scanned into storage/lab? Initials TD

Are barcode labels on correct containers? Yes / No

Are all Flashpoint stickers attached/container ID # circled? Yes / No / NA

Are all Hex Chrome stickers attached? Yes / No / NA

Are all QC stickers attached? Yes / No / NA

Are VOA stickers attached if bubbles noted? Yes / No / NA

Completed By: Taylor Davies Date & Time: 12/20/21 1536

Reviewed By: [signature] Date & Time: 12/20/21 1610

CHAIN OF CUSTODY

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Cranston, RI 02921
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Fax: 401-461-4486
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ESS Lab # 2107216 | Page 1 of 1

Turn Time: ☐ >5 ☐ 5 ☒ 4 ☒ 3 ☐ 2 ☐ 1 ☐ Same Day

Regulatory State: Criteria:

Is this project for any of the following?: GW-2

☐ CT RCP ☒ MA MCP ☐ RGP ☐ Permit ☐ 401 WQ

ELECTRONIC DELIVERABLES (Final Reports are PDF)

☒ Limit Checker ☐ State Forms ☒ EQuIS
☒ Excel ☐ Hard Copy ☐ Enviro Data
☐ CLP-Like Package ☐ Other (Specify) →

CLIENT INFORMATION

Client: VERTEX
Address: 100 N. Washington St
Boston MA 51.302
Phone: 781-952-6000
Email Distribution List:
CPorteo@vertexeng.com.
tphillips@vertexeng.com

PROJECT INFORMATION

Project Name: 34 Dudley St.
Project Location: Arlington, MA
Project Number: 74303
Project Manager: Chris Carteo
Bill to: 74303
PO#: 74303
Quote#:

Client acknowledges that sampling is compliant with all EPA / State regulatory programs

REQUESTED ANALYSES

ESS Lab ID	Collection Date	Collection Time	Sample Type	Sample Matrix	Sample ID	SVOCs	PCBs	VOCs	RCRA metals	TPH	Total Number of Bottles
1	12/19/21	1405	~~GRAB~~	GW	V-MW-2	X	X	X	X	X	7
2	12/19/21	1535	~~GRAB~~	GW	V-MW-3	X	X	X	X	X	7
3	12/19/21	1630	GRAB	GW	V-MW-1	X	X	X	X	X	7

Container Type: AC-Air Cassette AG-Amber Glass B-BOD Bottle C-Cubitainer J-Jar O-Other P-Poly S-Sterile V-Vial

	AG	AG	V	P	AG															
Container Volume:	1	1	2	5	1															

Container Volume: 1-100 mL 2-2.5 gal 3-250 mL 4-300 mL 5-500 mL 6-1L 7-VOA 8-2 oz 9-4 oz 10-8 oz 11-Other*

Preservation Code: 1-Non Preserved 2-HCl 3-H2SO4 4-HNO3 5-NaOH 6-Methanol 7-Na2S2O3 8-ZnAce, NaOH 9-NH4Cl 10-DI H2O 11-Other*

Sampled by: Tyler Phillips.

Chain needs to be filled out neatly and completely for on time delivery.

Laboratory Use Only
Cooler Temperature (°C): 2.5
Ice

Comments: * Please specify "Other" preservative and containers types in this space
All RCRA 8 metals field filtered prior to sampling.

All samples submitted are subject to ESS Laboratory's payment terms and conditions.

Dissolved Filtration
☐ Lab Filter

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received by (Signature)
	12/20/21	12:48			12/20/21	15:23	
Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received by (Signature)

CERTIFICATE OF ANALYSIS

Chris Carleo
The Vertex Companies
100 North Washington Street Suite 302
Boston, MA 02114

RE: 24 Dudley St Arlington MA (74303)
ESS Laboratory Work Order Number: 22A0168

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.



Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 1:27 pm, Jan 17, 2022

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with TNI and relative state standards, and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

SAMPLE RECEIPT

The following samples were received on January 10, 2022 for the analyses specified on the enclosed Chain of Custody Record.

To achieve CAM compliance for MCP data, ESS Laboratory has reviewed all QA/QC Requirements and Performance Standards listed in each method. Holding times and preservation have also been reviewed. All CAM requirements have been performed and achieved unless noted in the project narrative.

Each method has been set-up in the laboratory to reach required MCP standards. The methods for aqueous VOA and Soil Methanol VOA have known limitations for certain analytes. The regulatory standards may not be achieved due to these limitations. In addition, for all methods, matrix interferences, dilutions, and %Solids may elevate method reporting limits above regulatory standards. ESS Laboratory can provide, upon request, a Limit Checker (regulatory standard comparison spreadsheet) electronic deliverable which will highlight these exceedances.

Question I: All samples for SVOC were analyzed for a subset of the required MCP list per the client's request.

Lab Number	Sample Name	Matrix	Analysis
22A0168-01	MW-3-20220108	Ground Water	8270D

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CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

PROJECT NARRATIVE

8270D Semi-Volatile Organic Compounds

D2A0155-CCV1	**Calibration required quadratic regression (Q).**
	2,4-Dinitrophenol (114% @ 80-120%)
D2A0156-CCV1	**Calibration required quadratic regression (Q).**
	2,4-Dinitrophenol (126% @ 80-120%), Pentachlorophenol (109% @ 80-120%)
D2A0156-CCV1	**Continuing Calibration %Diff/Drift is above control limit (CD+).**
	2,4-Dinitrophenol (26% @ 20%)
D2A0156-CCV1	**Initial Calibration Verification recovery is below lower control limit (ICV-).**
	Aniline
DA21010-BS1	**Blank Spike recovery is above upper control limit (B+).**
	2,4-Dinitrophenol (131% @ 30-130%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

To ensure you are viewing the most current version of the documents below, please clear your internet cookies for www.ESSLaboratory.com. Consult your IT Support personnel for information on how to clear your internet cookies.

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015C - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1.1 - EPH
MADEP 18-2.1 - VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035A - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

MassDEP Analytical Protocol Certification Form

MADEP RTN: _____

This form provides certification for the following data set: **22A0168-01**

Matrices: (X) Ground Water/Surface Water ( ) Soil/Sediment ( ) Drinking Water ( ) Air ( ) Other:_____

CAM Protocol (check all that apply below):

( ) 8260 VOC CAM II A	( ) 7470/7471 Hg CAM III B	( ) MassDEP VPH (GC/PID/FID) CAM IV A	( ) 8082 PCB CAM V A	( ) 9014 Total Cyanide/PAC CAM VI A	( ) 6860 Perchlorate CAM VIII B
(X) 8270 SVOC CAM II B	( ) 7010 Metals CAM III C	( ) MassDEP VPH (GC/MS) CAM IV C	( ) 8081 Pesticides CAM V B	( ) 7196 Hex Cr CAM VI B	( ) MassDEP APH CAM IX A
( ) 6010 Metals CAM III A	( ) 6020 Metals CAM III D	( ) MassDEP EPH CAM IV B	( ) 8151 Herbicides CAM V C	( ) Explosives CAM VIII A	( ) TO-15 VOC CAM IX B

Affirmative responses to questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	Yes (X) No ( )
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	Yes (X) No ( )
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	Yes (X) No ( )
D	Does the laboratory report comply with all the reporting requirements specified in the CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No ( )
E	VPH, EPH, APH and TO-15 only: a. Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	Yes ( ) No ( )
	b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes ( ) No ( )
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	Yes (X) No ( )

Responses to Questions G, H and I below are required for "'Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocols(s)?	Yes (X) No ( )*
	***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**	
H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	Yes ( ) No (X)*
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes ( ) No (X)*

All negative responses must be addressed in an attached laboratory narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Laurel Stoddard Date: January 14, 2022

Printed Name: Laurel Stoddard Position: Laboratory Director

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA
Client Sample ID: MW-3-20220108
Date Sampled: 01/08/22 10:00
Percent Solids: N/A
Initial Volume: 980
Final Volume: 1
Extraction Method: 3520C

ESS Laboratory Work Order: 22A0168
ESS Laboratory Sample ID: 22A0168-01
Sample Matrix: Ground Water
Units: ug/L
Analyst: TJ
Prepared: 1/11/22 10:30

8270D Semi-Volatile Organic Compounds

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
Pyrene	ND (10.2)		8270D		1	01/12/22 12:01	D2A0155	DA21010

	%Recovery	Qualifier	Limits
Surrogate: 1,2-Dichlorobenzene-d4	*84 %*		*30-130*
Surrogate: 2,4,6-Tribromophenol	*97 %*		*15-110*
Surrogate: 2-Chlorophenol-d4	*81 %*		*15-110*
Surrogate: 2-Fluorobiphenyl	*90 %*		*30-130*
Surrogate: 2-Fluorophenol	*73 %*		*15-110*
Surrogate: Nitrobenzene-d5	*83 %*		*30-130*
Surrogate: Phenol-d6	*85 %*		*15-110*
Surrogate: p-Terphenyl-d14	*90 %*		*30-130*

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DA21010 - 3520C										
Blank										
1,2,4-Trichlorobenzene	ND	10.0	ug/L							
1,2-Dichlorobenzene	ND	10.0	ug/L							
1,3-Dichlorobenzene	ND	10.0	ug/L							
1,4-Dichlorobenzene	ND	10.0	ug/L							
2,4,5-Trichlorophenol	ND	10.0	ug/L							
2,4,6-Trichlorophenol	ND	10.0	ug/L							
2,4-Dichlorophenol	ND	10.0	ug/L							
2,4-Dimethylphenol	ND	50.0	ug/L							
2,4-Dinitrophenol	ND	50.0	ug/L							
2,4-Dinitrotoluene	ND	10.0	ug/L							
2,6-Dinitrotoluene	ND	10.0	ug/L							
2-Chloronaphthalene	ND	10.0	ug/L							
2-Chlorophenol	ND	10.0	ug/L							
2-Methylnaphthalene	ND	10.0	ug/L							
2-Methylphenol	ND	10.0	ug/L							
2-Nitrophenol	ND	10.0	ug/L							
3,3´-Dichlorobenzidine	ND	20.0	ug/L							
3+4-Methylphenol	ND	20.0	ug/L							
4-Bromophenyl-phenylether	ND	10.0	ug/L							
4-Chloroaniline	ND	20.0	ug/L							
4-Nitrophenol	ND	50.0	ug/L							
Acenaphthene	ND	10.0	ug/L							
Acenaphthylene	ND	10.0	ug/L							
Acetophenone	ND	10.0	ug/L							
Aniline	ND	10.0	ug/L							
Anthracene	ND	10.0	ug/L							
Azobenzene	ND	20.0	ug/L							
Benzo(a)anthracene	ND	10.0	ug/L							
Benzo(a)pyrene	ND	10.0	ug/L							
Benzo(b)fluoranthene	ND	10.0	ug/L							
Benzo(g,h,i)perylene	ND	10.0	ug/L							
Benzo(k)fluoranthene	ND	10.0	ug/L							
bis(2-Chloroethoxy)methane	ND	10.0	ug/L							
bis(2-Chloroethyl)ether	ND	10.0	ug/L							
bis(2-chloroisopropyl)Ether	ND	10.0	ug/L							
bis(2-Ethylhexyl)phthalate	ND	6.0	ug/L							
Butylbenzylphthalate	ND	10.0	ug/L							
Chrysene	ND	10.0	ug/L							
Dibenzo(a,h)Anthracene	ND	10.0	ug/L							
Dibenzofuran	ND	10.0	ug/L							
Diethylphthalate	ND	10.0	ug/L							
Dimethylphthalate	ND	10.0	ug/L							
Di-n-butylphthalate	ND	10.0	ug/L							
Di-n-octylphthalate	ND	10.0	ug/L							

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DA21010 - 3520C										
Fluoranthene	ND	10.0	ug/L							
Fluorene	ND	10.0	ug/L							
Hexachlorobenzene	ND	10.0	ug/L							
Hexachlorobutadiene	ND	10.0	ug/L							
Hexachloroethane	ND	5.0	ug/L							
Indeno(1,2,3-cd)Pyrene	ND	10.0	ug/L							
Isophorone	ND	10.0	ug/L							
Naphthalene	ND	10.0	ug/L							
Nitrobenzene	ND	10.0	ug/L							
N-Nitrosodimethylamine	ND	10.0	ug/L							
Pentachlorophenol	ND	50.0	ug/L							
Phenanthrene	ND	10.0	ug/L							
Phenol	ND	10.0	ug/L							
Pyrene	ND	10.0	ug/L							
Surrogate: 1,2-Dichlorobenzene-d4	*95.8*		ug/L	*100.0*		*96*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*151*		ug/L	*150.0*		*101*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*155*		ug/L	*150.0*		*104*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*99.7*		ug/L	*100.0*		*100*	*30-130*			
Surrogate: 2-Fluorophenol	*151*		ug/L	*150.0*		*101*	*15-110*			
Surrogate: Nitrobenzene-d5	*104*		ug/L	*100.0*		*104*	*30-130*			
Surrogate: Phenol-d6	*156*		ug/L	*150.0*		*104*	*15-110*			
Surrogate: p-Terphenyl-d14	*118*		ug/L	*100.0*		*118*	*30-130*			
LCS										
1,2,4-Trichlorobenzene	82.9	10.0	ug/L	100.0		83	40-140			
1,2-Dichlorobenzene	79.4	10.0	ug/L	100.0		79	40-140			
1,3-Dichlorobenzene	76.3	10.0	ug/L	100.0		76	40-140			
1,4-Dichlorobenzene	77.9	10.0	ug/L	100.0		78	40-140			
2,4,5-Trichlorophenol	89.4	10.0	ug/L	100.0		89	30-130			
2,4,6-Trichlorophenol	87.2	10.0	ug/L	100.0		87	30-130			
2,4-Dichlorophenol	90.2	10.0	ug/L	100.0		90	30-130			
2,4-Dimethylphenol	78.2	50.0	ug/L	100.0		78	30-130			
2,4-Dinitrophenol	131	50.0	ug/L	100.0		131	30-130			B+
2,4-Dinitrotoluene	86.9	10.0	ug/L	100.0		87	40-140			
2,6-Dinitrotoluene	86.3	10.0	ug/L	100.0		86	40-140			
2-Chloronaphthalene	85.1	10.0	ug/L	100.0		85	40-140			
2-Chlorophenol	87.4	10.0	ug/L	100.0		87	30-130			
2-Methylnaphthalene	83.9	10.0	ug/L	100.0		84	40-140			
2-Methylphenol	91.4	10.0	ug/L	100.0		91	30-130			
2-Nitrophenol	89.8	10.0	ug/L	100.0		90	30-130			
3,3´-Dichlorobenzidine	66.2	20.0	ug/L	100.0		66	40-140			
3+4-Methylphenol	188	20.0	ug/L	200.0		94	30-130			
4-Bromophenyl-phenylether	88.7	10.0	ug/L	100.0		89	40-140			
4-Chloroaniline	58.1	20.0	ug/L	100.0		58	40-140			
4-Nitrophenol	81.3	50.0	ug/L	100.0		81	30-130			
Acenaphthene	86.6	10.0	ug/L	100.0		87	40-140			

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CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DA21010 - 3520C										
Acenaphthylene	76.3	10.0	ug/L	100.0		76	40-140			
Acetophenone	92.6	10.0	ug/L	100.0		93	40-140			
Aniline	75.0	10.0	ug/L	100.0		75	40-140			
Anthracene	87.0	10.0	ug/L	100.0		87	40-140			
Azobenzene	90.0	20.0	ug/L	100.0		90	40-140			
Benzo(a)anthracene	93.6	10.0	ug/L	100.0		94	40-140			
Benzo(a)pyrene	80.9	10.0	ug/L	100.0		81	40-140			
Benzo(b)fluoranthene	90.7	10.0	ug/L	100.0		91	40-140			
Benzo(g,h,i)perylene	91.8	10.0	ug/L	100.0		92	40-140			
Benzo(k)fluoranthene	89.7	10.0	ug/L	100.0		90	40-140			
bis(2-Chloroethoxy)methane	91.7	10.0	ug/L	100.0		92	40-140			
bis(2-Chloroethyl)ether	97.8	10.0	ug/L	100.0		98	40-140			
bis(2-chloroisopropyl)Ether	86.6	10.0	ug/L	100.0		87	40-140			
bis(2-Ethylhexyl)phthalate	82.4	6.0	ug/L	100.0		82	40-140			
Butylbenzylphthalate	81.5	10.0	ug/L	100.0		81	40-140			
Chrysene	91.9	10.0	ug/L	100.0		92	40-140			
Dibenzo(a,h)Anthracene	92.4	10.0	ug/L	100.0		92	40-140			
Dibenzofuran	87.4	10.0	ug/L	100.0		87	40-140			
Diethylphthalate	84.4	10.0	ug/L	100.0		84	40-140			
Dimethylphthalate	86.9	10.0	ug/L	100.0		87	40-140			
Di-n-butylphthalate	90.0	10.0	ug/L	100.0		90	40-140			
Di-n-octylphthalate	80.1	10.0	ug/L	100.0		80	40-140			
Fluoranthene	92.0	10.0	ug/L	100.0		92	40-140			
Fluorene	92.2	10.0	ug/L	100.0		92	40-140			
Hexachlorobenzene	87.5	10.0	ug/L	100.0		88	40-140			
Hexachlorobutadiene	74.8	10.0	ug/L	100.0		75	40-140			
Hexachloroethane	75.5	5.0	ug/L	100.0		75	40-140			
Indeno(1,2,3-cd)Pyrene	91.6	10.0	ug/L	100.0		92	40-140			
Isophorone	86.0	10.0	ug/L	100.0		86	40-140			
Naphthalene	84.9	10.0	ug/L	100.0		85	40-140			
Nitrobenzene	87.8	10.0	ug/L	100.0		88	40-140			
N-Nitrosodimethylamine	68.8	10.0	ug/L	100.0		69	40-140			
Pentachlorophenol	103	50.0	ug/L	100.0		103	30-130			
Phenanthrene	87.3	10.0	ug/L	100.0		87	40-140			
Phenol	93.8	10.0	ug/L	100.0		94	30-130			
Pyrene	86.5	10.0	ug/L	100.0		87	40-140			
Surrogate: 1,2-Dichlorobenzene-d4	*91.0*		ug/L	*100.0*		*91*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*147*		ug/L	*150.0*		*98*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*144*		ug/L	*150.0*		*96*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*97.6*		ug/L	*100.0*		*98*	*30-130*			
Surrogate: 2-Fluorophenol	*144*		ug/L	*150.0*		*96*	*15-110*			
Surrogate: Nitrobenzene-d5	*101*		ug/L	*100.0*		*101*	*30-130*			
Surrogate: Phenol-d6	*157*		ug/L	*150.0*		*104*	*15-110*			
Surrogate: p-Terphenyl-d14	*101*		ug/L	*100.0*		*101*	*30-130*			
LCS Dup										

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DA21010 - 3520C										
1,2,4-Trichlorobenzene	79.1	10.0	ug/L	100.0		79	40-140	5	20	
1,2-Dichlorobenzene	77.8	10.0	ug/L	100.0		78	40-140	2	20	
1,3-Dichlorobenzene	75.4	10.0	ug/L	100.0		75	40-140	1	20	
1,4-Dichlorobenzene	76.3	10.0	ug/L	100.0		76	40-140	2	20	
2,4,5-Trichlorophenol	85.7	10.0	ug/L	100.0		86	30-130	4	20	
2,4,6-Trichlorophenol	81.9	10.0	ug/L	100.0		82	30-130	6	20	
2,4-Dichlorophenol	86.2	10.0	ug/L	100.0		86	30-130	5	20	
2,4-Dimethylphenol	74.1	50.0	ug/L	100.0		74	30-130	5	20	
2,4-Dinitrophenol	128	50.0	ug/L	100.0		128	30-130	2	20	
2,4-Dinitrotoluene	82.2	10.0	ug/L	100.0		82	40-140	6	20	
2,6-Dinitrotoluene	81.9	10.0	ug/L	100.0		82	40-140	5	20	
2-Chloronaphthalene	80.4	10.0	ug/L	100.0		80	40-140	6	20	
2-Chlorophenol	84.2	10.0	ug/L	100.0		84	30-130	4	20	
2-Methylnaphthalene	80.6	10.0	ug/L	100.0		81	40-140	4	20	
2-Methylphenol	87.6	10.0	ug/L	100.0		88	30-130	4	20	
2-Nitrophenol	85.1	10.0	ug/L	100.0		85	30-130	5	20	
3,3´-Dichlorobenzidine	69.4	20.0	ug/L	100.0		69	40-140	5	20	
3+4-Methylphenol	183	20.0	ug/L	200.0		92	30-130	2	20	
4-Bromophenyl-phenylether	86.0	10.0	ug/L	100.0		86	40-140	3	20	
4-Chloroaniline	60.4	20.0	ug/L	100.0		60	40-140	4	20	
4-Nitrophenol	77.9	50.0	ug/L	100.0		78	30-130	4	20	
Acenaphthene	81.8	10.0	ug/L	100.0		82	40-140	6	20	
Acenaphthylene	71.8	10.0	ug/L	100.0		72	40-140	6	20	
Acetophenone	88.5	10.0	ug/L	100.0		88	40-140	5	20	
Aniline	73.9	10.0	ug/L	100.0		74	40-140	1	20	
Anthracene	83.4	10.0	ug/L	100.0		83	40-140	4	20	
Azobenzene	86.8	20.0	ug/L	100.0		87	40-140	4	20	
Benzo(a)anthracene	93.1	10.0	ug/L	100.0		93	40-140	0.4	20	
Benzo(a)pyrene	79.7	10.0	ug/L	100.0		80	40-140	2	20	
Benzo(b)fluoranthene	88.7	10.0	ug/L	100.0		89	40-140	2	20	
Benzo(g,h,i)perylene	91.3	10.0	ug/L	100.0		91	40-140	0.5	20	
Benzo(k)fluoranthene	87.5	10.0	ug/L	100.0		87	40-140	3	20	
bis(2-Chloroethoxy)methane	87.3	10.0	ug/L	100.0		87	40-140	5	20	
bis(2-Chloroethyl)ether	93.6	10.0	ug/L	100.0		94	40-140	4	20	
bis(2-chloroisopropyl)Ether	82.5	10.0	ug/L	100.0		83	40-140	5	20	
bis(2-Ethylhexyl)phthalate	81.1	6.0	ug/L	100.0		81	40-140	2	20	
Butylbenzylphthalate	79.8	10.0	ug/L	100.0		80	40-140	2	20	
Chrysene	90.9	10.0	ug/L	100.0		91	40-140	1	20	
Dibenzo(a,h)Anthracene	92.4	10.0	ug/L	100.0		92	40-140	0.003	20	
Dibenzofuran	82.7	10.0	ug/L	100.0		83	40-140	6	20	
Diethylphthalate	79.6	10.0	ug/L	100.0		80	40-140	6	20	
Dimethylphthalate	82.7	10.0	ug/L	100.0		83	40-140	5	20	
Di-n-butylphthalate	85.6	10.0	ug/L	100.0		86	40-140	5	20	
Di-n-octylphthalate	77.2	10.0	ug/L	100.0		77	40-140	4	20	
Fluoranthene	87.1	10.0	ug/L	100.0		87	40-140	5	20	

185 Frances Avenue, Cranston, RI 02910-2211 Tel: 401-461-7181 Fax: 401-461-4486 http://www.ESSLaboratory.com

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8270D Semi-Volatile Organic Compounds										
Batch DA21010 - 3520C										
Fluorene	87.4	10.0	ug/L	100.0		87	40-140	5	20	
Hexachlorobenzene	84.5	10.0	ug/L	100.0		84	40-140	4	20	
Hexachlorobutadiene	71.4	10.0	ug/L	100.0		71	40-140	5	20	
Hexachloroethane	74.8	5.0	ug/L	100.0		75	40-140	0.9	20	
Indeno(1,2,3-cd)Pyrene	91.1	10.0	ug/L	100.0		91	40-140	0.6	20	
Isophorone	81.4	10.0	ug/L	100.0		81	40-140	5	20	
Naphthalene	80.8	10.0	ug/L	100.0		81	40-140	5	20	
Nitrobenzene	82.9	10.0	ug/L	100.0		83	40-140	6	20	
N-Nitrosodimethylamine	65.6	10.0	ug/L	100.0		66	40-140	5	20	
Pentachlorophenol	99.7	50.0	ug/L	100.0		100	30-130	4	20	
Phenanthrene	83.4	10.0	ug/L	100.0		83	40-140	5	20	
Phenol	89.9	10.0	ug/L	100.0		90	30-130	4	20	
Pyrene	86.7	10.0	ug/L	100.0		87	40-140	0.2	20	
Surrogate: 1,2-Dichlorobenzene-d4	*84.2*		ug/L	*100.0*		*84*	*30-130*			
Surrogate: 2,4,6-Tribromophenol	*139*		ug/L	*150.0*		*93*	*15-110*			
Surrogate: 2-Chlorophenol-d4	*137*		ug/L	*150.0*		*91*	*15-110*			
Surrogate: 2-Fluorobiphenyl	*89.8*		ug/L	*100.0*		*90*	*30-130*			
Surrogate: 2-Fluorophenol	*135*		ug/L	*150.0*		*90*	*15-110*			
Surrogate: Nitrobenzene-d5	*94.0*		ug/L	*100.0*		*94*	*30-130*			
Surrogate: Phenol-d6	*148*		ug/L	*150.0*		*99*	*15-110*			
Surrogate: p-Terphenyl-d14	*98.3*		ug/L	*100.0*		*98*	*30-130*			

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

Notes and Definitions

U	Analyte included in the analysis, but not detected
Q	Calibration required quadratic regression (Q).
ICV-	Initial Calibration Verification recovery is below lower control limit (ICV-).
CD+	Continuing Calibration %Diff/Drift is above control limit (CD+).
B+	Blank Spike recovery is above upper control limit (B+).
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report
RL	Reporting Limit
EDL	Estimated Detection Limit
MF	Membrane Filtration
MPN	Most Probable Number
TNTC	Too numerous to Count
CFU	Colony Forming Units

CERTIFICATE OF ANALYSIS

Client Name: The Vertex Companies
Client Project ID: 24 Dudley St Arlington MA

ESS Laboratory Work Order: 22A0168

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/partners/labCert.shtml

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAMEA&Select+a+Site:=58715

Pennsylvania: 68-01752
http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx

ESS Laboratory Sample and Cooler Receipt Checklist

Client: The Vertex Companies - TB

Shipped/Delivered Via: ESS Courier

ESS Project ID: 22A0168
Date Received: 1/10/2022
Project Due Date: 1/17/2022
Days for Project: 5 Day

1. Air bill manifest present? No
   Air No.: NA
2. Were custody seals present? No
3. Is radiation count <100 CPM? Yes
4. Is a Cooler Present? Yes
   Temp: 2.7 Iced with: Ice
5. Was COC signed and dated by client? Yes
6. Does COC match bottles? Yes
7. Is COC complete and correct? Yes
8. Were samples received intact? Yes
9. **Were labs informed about short holds & rushes?** Yes / No / NA
10. Were any analyses received outside of hold time? Yes / No

11. Any Subcontracting needed? Yes / No
    ESS Sample IDs:
    Analysis:
    TAT:
12. Were VOAs received? Yes / No
    a. Air bubbles in aqueous VOAs? Yes / No
    b. Does methanol cover soil completely? Yes / No / NA
13. Are the samples properly preserved? Yes / No
    a. If metals preserved upon receipt: Date: Time: By:
    b. Low Level VOA vials frozen: Date: Time: By:

Sample Receiving Notes:

14. Was there a need to contact Project Manager? Yes / No
    a. Was there a need to contact the client? Yes / No
    Who was contacted? Date: Time: By:

Sample Number	Container ID	Proper Container	Air Bubbles Present	Sufficient Volume	Container Type	Preservative	Record pH (Cyanide and 608 Pesticides)
1	248132	Yes	N/A	Yes	1L Amber	NP	
1	248133	Yes	N/A	Yes	1L Amber	NP	

2nd Review
Were all containers scanned into storage/lab? Initials KL
Are barcode labels on correct containers? Yes / No
Are all Flashpoint stickers attached/container ID # circled? Yes / No / NA
Are all Hex Chrome stickers attached? Yes / No / NA
Are all QC stickers attached? Yes / No / NA
Are VOA stickers attached if bubbles noted? Yes / No / NA

Completed By: Date & Time: 1.10.22 16:38
Reviewed By: Date & Time: 1/11/22 1649

22A0168

ESS

Pace Analytical

Phone: 413-525-2332
Fax: 413-525-6405
Access COC's and Support Requests

http://www.pacelabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page 1 of 1

Company Name: Vertex Companies
Address: 100 N. Washington St
Phone:
Project Name: Dudley St
Project Location: Arlington MA
Project Number: 74303I
Project Manager: Chris Corleo
Pace Quote Name/Number:
Invoice Recipient:
Sampled By: SAmsel

Requested Turnaround Time
7-Day [X] 10-Day [ ]
PFAS 10-Day (std) [ ] Due Date:

Rush-Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Data Delivery
Format: PDF [X] EXCEL [X]
Other:
CLP Like Data Pkg Required: [ ]
Email To: ccorleo@vertexeng.com
Fax To #:

Dissolved Metals Samples
O Field Filtered
O Lab to Filter

Orthophosphate Samples
O Field Filtered
O Lab to Filter

PCB ONLY
SOXHLET [ ]
NON SOXHLET [ ]

ANALYSIS REQUESTED

Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	* SVOCs 8270
1	MW-3-20220108	1/8/22	10:00	Grab	GW	U		2				X

[2] Preservation Code
Courier Use Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Pace Analytical is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time: 1/10/22 11:50	Client Comments: *Report ONLY Pyrine (hdm 1/13/22)
Received by: (signature)	Date/Time: 1/10/22 11:50	
Relinquished by: (signature)	Date/Time: 1/10/22 16:16	
Received by: (signature)	Date/Time: 1.10.22 16:16	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
MA
CT
Other:

Special Requirements
[X] MA MCP Required
MCP Certification Form Required
[ ] CT RCP Required
RCP Certification Form Required
[ ] MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Project Entity
Government [ ] Municipality [ ] MWRA [ ] WRTA [ ]
Federal [ ] 21 J [ ] School [ ]
City [ ] Brownfield [ ] MBTA [ ]

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

Lab Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.

ROBERT J. ANNESE
ATTORNEY AT LAW

February 22, 2022

VIA HAND DELIVERED and E-MAIL: jraitt@town.arlington.ma.us

Jennifer Raitt, Director
Planning & Community development
730 Mass Ave Annex
Arlington, MA 02476

RE: 34 Dudley Street, LLC
Property Address: 34 Dudley Street, Arlington, MA

Dear Ms. Raitt:

I am sending along an application filed under Environmental Design Review for real estate located at 34 Dudley Street.

I am also sending along my client's filing fee in the amount of $19,641.20.

I will have the original documents delivered to your office with the filing fee this morning.

I am given to understand based upon my last conversation with you that the ARB hearing in connection with this matter will occur on March 28, 2022.

If you have any questions or matters that you believe have not been addressed in the filing, would you please let me know.

Thank you for your cooperation.

Very truly yours,

Robert J. Annese

RJA:lm

Enclosures

1171 MASSACHUSETTS AVENUE • ARLINGTON, MASSACHUSETTS 02476 • TELEPHONE 781-646-4911 • FAX 781-646-4910
E-MAIL ADDRESS: LAW@ROBERTANNESE.COM

TOWN CLERK'S OFFICE ARLINGTON, MA 02476 2022 MAR -2 AM 11:29

PLANNING & COMMUNITY DEVELOPMENT 2022 FEB 23 A 10:52

TOWN OF ARLINGTON
REDEVELOPMENT BOARD
Application for Special Permit In Accordance with Environmental Design Review Procedures (Section 3.4 of the Zoning Bylaw)

RECEIVED Docket No. 3690

1. Property Address 34 Dudley Street
   Name of Record Owner(s) 34 Dudley Street, LLC Phone c/o Robert Annese 781-646-4911
   Address of Owner 34 Dudley Street, Arlington, MA 02476
   Street City, State, Zip

2. Name of Applicant(s) (if different than above) PSI Atlantic Holdings VII, LLC
   Address 530 Oak Court Drive, Memphis, TN 38177 Phone c/o Robert Annese 781-646-4911
   Status Relative to Property (occupant, purchaser, etc.) Purchaser under agreement

3. Location of Property 34 Dudley Street - 055.0 0002 0039B
   Assessor's Block Plan, Block, Lot No.

4. Deed recorded in the Registry of deeds, Book 68658, Page 160; and
   ~~X~~ registered in Land Registration Office, Cert. No. 264026, in Book 1502, Page 160.

5. Present Use of Property (include # of dwelling units, if any) Automobile Repair

6. Proposed Use of Property (include # of dwelling units, if any) Self-storage facility containing between 740 and 780 storage units

7. Permit applied for in accordance with the following Zoning Bylaw section(s)

section(s)	title(s)
Sec. 3.4	Environmental design review
Sec. 6.1.5	Parking reduction
Sec. 6.1.12	Bicycle parking reduction

8. Please attach a statement that describes your project and provide any additional information that may aid the ARB in understanding the permits you request. Include any reasons that you feel you should be granted the requested permission.

(In the statement below, strike out the words that do not apply)

The applicant states that PSI Atlantic Holdings VII, LLC is the ~~owner or occupant or~~ purchaser under agreement of the property in Arlington located at 34 Dudley Street which is the subject of this application; and that unfavorable action -or- no unfavorable action has been taken by the Zoning Board of Appeals on a similar application regarding this property within the last two years. The applicant expressly agrees to comply with any and all conditions and qualifications imposed upon this permission, either by the Zoning Bylaw or by the Redevelopment Board, should the permit be granted.

PSI Atlantic Holdings VII, LLC
by its attorney,

Signature of Applicant(s)

Robert J. Annese, Esquire
1171 Massachusetts Avenue, Arlington, MA 02476 781-646-4911
Address Phone

Town of Arlington Redevelopment Board
Application for Special Permit in accordance with
Environmental Design Review (Section 3.4)

Required Submittals Checklist

Two full sets of materials and one electronic copy are required. A model may be requested. Review the ARB's Rules and Regulations, which can be found at arlingtonma.gov/arb, for the full list of required submittals.

- X Dimensional and Parking Information Form (see attached)
- X Site plan of proposal
- ____ Model, if required
- X Drawing of existing conditions
- X Drawing of proposed structure
- X Proposed landscaping. May be incorporated into site plan
- X Photographs
- X Impact statement
- X Application and plans for sign permits
- X Stormwater management plan (for stormwater management during construction for projects with new construction

FOR OFFICE USE ONLY

_____ Special Permit Granted Date: _____

_____ Received evidence of filing with Registry of Deeds Date: _____

_____ Notified Building Inspector of Special Permit filing Date: _____

34 Dudley Street

Arlington, MA

Environmental Impact Statement

The Applicant, PSI Atlantic Holdings VII, LLC proposes to construct a self-storage facility at 34 Dudley Street.

The property which is in the Industrial Zone has been used as an automobile repair and related automobile facility for many years.

The existing property contains 10,921 square feet and 1,152 square feet of detached garage space for a total of 12,073 square feet.

The project involves the construction of a five story, 95,706 square feet self-storage warehouse building along with eleven (11) surface parking spaces (one of which will be accessible) on the site and four (4) loading bays for a total of fifteen (15) spaces for the facility.

The exterior building materials will be comprised of metal paneling, brick, and glass. (*See* LEED Considerations dated February 15, 2022, of Michael Parker Studios.)

Access to the site would be provided by a single curb cut on Dudley Street on the ease side of the site and the existing curb cut on the west side of the site will be closed.

The office hours for the self-storage facility would be 8:30 a.m. to 6:00 p.m. Monday through Friday and customer access hours would be 6:00 a.m. to 10:00 p.m. each day of the week.

There would be one full-time employee and one part-time employee.

The traffic report of VHB dated February 10, 2022, submitted as part of the Applicant's proposal indicates on Page 1 that the existing use of the property would be classed as an Automobile Care Center and that the proposed use would be classified as a mini warehouse.

Table 1 of the traffic study indicates that the proposed self-storage facility is expected to generate fewer peak hour trips to and from the site when compared to the current automotive use at the site. For example, daytime, weekday traffic to the site currently would consist of a total of 27 vehicle trips while the proposed self-storage use

would generate 9. Weekday p.m. vehicle trips currently to and from the site total 38 vehicle trips and the proposed self-storage use would total 15.

Similar self-storage facilities exist at 490 Eastern Avenue and 650 Eastern Avenue in Malden and 171 Bear Hill Road in Waltham, and as Table 2 shows the traffic volumes counted at those three comparable sites are substantially lower than the traffic volume generated by the present automotive use at the 34 Dudley Street property.

With respect to parking, the project includes eleven (11) parking spaces and four (4) loading bays for a total of fifteen (15) spaces.

The Zoning Bylaw provides for one parking space per 1,000 square feet of building aera. The Applicant will not be able to satisfy that provision of the Bylaw as the property will contain 95,694 square feet of building space which would equate to approximately ninety-six (96) required parking spaces, however both the limited number of employees on site and the traffic study report indicate that there will not be significant traffic at the site with the proposed project.

Consequently, the Applicant will be seeking zoning relief from Section 6.1.5 i.e., the Parking and Loading Space Standards required by the Bylaw with respect to its proposal.

In connection with the requested relief the Applicant would propose the following plan containing at least 3 TDM strategies:

1. Pay a stipend to workers without cars;
2. Provide preferential for carpooling vehicles; and
3. Provide cover bicycle parking and storage.

The property is in the inland wetland district and as a result the Applicant has also filed a Notice of Intent with the Conservation Commission and will proceed with a hearing before the Conservation Commission in connection with the Notice of Intent on March 3, 2022.

The proposal provides for 740-780 storage units within the five-story building.

The construction will comply with the dimensional and zoning provisions of the Zoning Bylaw as follows:

Zoning Regulation Requirements	Required	Provided
Maximum Front Yar Setback	10 Feet	10.0 Feet
Minimum Front Yard Setback	10 Feet	10.0 Feet

Side Yard Setback	10 Feet	10.0 Feet
Rear Yard Setback	10 Feet	12.5 Feet
Maximum Floor area Ratio	3.0	2.81
Maximum Building Height	5 Stories	58 Feet, 5 Stores

(*See* Dimensional form submitted as part of the Applicant's proposal)

The proposal also provides bicycle parking with short term spaces totaling fifty-seven (57) spaces and long-term spaces totaling seventy-seven (77). The VHB plan depicts covered bicycle racks at the rear of the building and shows interior bicycle parking in the front portion of the building behind the sales office.

There are also interior wall mounted bicycle racks depicted VHB plan and referred in the arch plans.

The Applicant will be seeking relief from the bicycle parking requirements contained within the provisions of Section 6.1.12 of the Zoning Bylaw as part of its application.

The building sign and summary shown on the VHB plan shows five (5) proposed signs, four (4) of which will be wall signs and one (1) a free-standing sign.

The building sign summary is as follows:

		Specification			
ID Number	Sign Type	Width	Height	Area	Desc.
1	Wall Sign	288"	90"	180 SF	CUBESMART Self-Storage
2	Wall Sign	288"	90"	180 SF	CUBESMART Self-Storage
3	Wall Sign	29.25"	6"	1.22 SF	OFFICE
4	Wall Sign	52"	11"	3.97 SF	LOADING
5	Freestanding sign	78"	44"	23.8 SF	CUBESMART Self-Storage

The Applicant has also prepared and submitted as part of its proposal, a Stormwater Report of VHB dated February 2022, the substance of which indicates that with respect to the existing conditions at the property the site is predominantly impervious with generally flat topography, except that just to the south of the southerly property boundary there is a steep slope down to Millbrook. (*See* Page 4 i.e., drainage conditions)

The proposed drainage conditions as depicted in Figure 3 of the Stormwater Report indicates that Low Impact Development (LID) techniques and stormwater Best Management Practices (BMPs) implemented into the site design include reduction of impervious areas, minimized disturbance to existing trees and vegetation and a bioretention basin. The bioretention basin has been incorporated to collect stormwater from the parking area. The Stormwater Report indicates that in general stormwater from the proposed impervious surfaces is collected in a bioretention basin or deep sump hooded catch basins, prior to being discharged into a subsurface infiltration basin with an isolator row. The deep sump hooded catch basin and isolator row provide pretreatment prior to final treatment by the infiltration basin.

The report further indicates that the subsurface infiltration basin has an outlet control structure to control the rates of flow and ensure proper water quality volume, prior to discharging to the existing pipe discharge to the south of the property towards Mill Brook.

There is an anticipated net reduction of approximately 975 gpd of waste water generation and 1,070 gpd of water demand (-81%) with the proposed project according to the sewer and water calculations of the Applicant's team as follows:

Table 1.1 Wastewater Generation

	Use	Unit Flow[1]	Total Units	Estimated Wastewater Generation	Estimated Water Demand
Existing	Autobody (Service Station)	150 gpd/bay	8 bays	1,200 gpd	1,300 gpd
Proposed	Dry Storage (Self-Storage Facility)	15 gpd/person	15 persons	225 gpd	248 gpd

1. Sewer design Unit Flow rates and Use categories are taken from MassDEP 310 CMR 15.00 section 203.

The Applicant suggests to the Members of Board that their proposal is in conformity with provisions of Section 3.3 of the Zoning Bylaw with respect to the decision criteria for the Board to grant a Special Permit.

It is suggested that the Board can make the following findings in granting a Special Permit for the Project:

1. The use requested is listed as a special permit in the use regulations for the applicable district or is so designated elsewhere in the Bylaw.

The property is in an I Zone, and the proposed use is an allowed use in the I Zone.

2. The requested use is essential or desirable to the public convenience or welfare.
   Arlington does not have a comparable storage facility and residents who wish to store property, particularly residents who may be living in smaller apartments or condominiums with no access to extra space would be served well by having access to a storage facility.

3. The requested use will not create undue traffic congestion or unduly impair pedestrian safety.
   The requested use will not create undue traffic congestion or unduly impair pedestrian safety. The traffic report of VHB demonstrates that there will not be any undue traffic congestion or any adverse impairment of pedestrian safety with respect to the proposed project.

4. The requested use will not overload any public water, drainage or sewer system or any other municipal systems to such an extent that the requested use or any developed use int eh immediate area or in any other area of the Town will be unduly subjected to hazards affecting health, safety, or the general welfare.
   The requested use will not overload any public water, drainage or sewer system or any other municipal systems.

5. Any special regulations for the use as may be provided in this Bylaw are fulfilled.
   Any such regulations will be fulfilled.

6. The requested use will not impair the integrity or character of the district or adjoining districts, nor be detrimental to the health, morals, or welfare.

The proposed storage facility will be located in the industrial zone and the industrial zone has been created for uses such as the proposed storage facility. The proposed construction will be attractive and will be integrated nicely into the neighborhood.

7. The requested use will not, by its addition to a neighborhood, cause an excess of the particular use that could be detrimental to the character of said neighborhood.

   The Applicant is unaware of any similar facility in the Town and the requested use will not by its addition to the industrial neighborhood cause an excess of the use that would be detrimental to the character of the neighborhood.

For all of the above reasons the Applicant respectfully requests that the Arlington Redevelopment Board grant the requested zoning relief under Environmental Design Review filed by PSI Atlantic Holdings VII, LLC.

PSI Atlantic Holdings VII, LLC
By its attorney,

Robert J. Annese, Esquire
BBO#: 019880
1171 Massachusetts Avenue
Arlington, MA 02476
781-646-4911
781-646-4910 – facsimile
law@robertannese.com

DATED: February 22, 2022

TOWN OF ARLINGTON
Dimensional and Parking Information
for Application to
The Arlington Redevelopment Board

Docket No. _____

Property Location 34 Dudley Street

Zoning District Industrial (I)

Owner: 34 Dudley Street LLC

Address: 34 Dudley Street, Arlington, MA 02476

Present Use/Occupancy: No. of Dwelling Units:
AutoBody Shop / 0 Dwelling Units

Uses and their gross square feet:
AutoBody / 10,921 SF

Proposed Use/Occupancy: No. of Dwelling Units:
Self-Storage / 0 Dwelling Units

Uses and their gross square feet:
Self-Storage / 95,706 SF

	Present Conditions	Proposed Conditions	Min. or Max. Required by Zoning for Proposed Use
Lot Size	0.783-Ac	0.783-Ac	min. N/A
Frontage	129.01 Ft	129.01 Ft	min. N/A
Floor Area Ratio	0.32	2.81	max. 3.0
Lot Coverage (%), where applicable	92.1%	76.8%	max. N/A
Lot Area per Dwelling Unit (square feet)	N/A	N/A	min. N/A
Front Yard Depth (feet)	57.0 Ft	10 Ft	min. 10 Ft
Side Yard Width (feet) right side	10.5 Ft	10 Ft	min. 10 Ft
left side	0.0 Ft	10 Ft	min. 10 Ft
Rear Yard Depth (feet)	6.1 Ft	12.5 Ft	min. 10 Ft
Height			max. ~~min.~~ 65 Ft /39 Ft
Stories	1	5	stories 5 / 3
Feet	23.8 Ft	58 Ft	feet 65 Ft /39 Ft
Open Space (% of G.F.A.)	23.1%	8.2%	min. N/A
Landscaped (square feet)	2,527 SF	7,127 SF	(s.f.) N/A
Usable (square feet)	0 SF	765 SF	(s.f.) N/A
Parking Spaces (No.)	23	11	min. 96
Parking Area Setbacks (feet), where applicable	0 Ft	5.3 Ft	min. 5 / 10
Loading Spaces (No.)	UNK	4	min. 3
Type of Construction			
Distance to Nearest Building	4'+/-	14'+/-	min.


34 DUDLEY
BODY



PREMIER STORAGE INVESTORS

SELF STORAGE

Arlington, MA

February 09, 2022

VIEW 1

michael parker studios



PREMIER STORAGE INVESTORS

SELF STORAGE

Arlington, MA

February 09, 2022

VIEW 2
Afternoon

michael parker studios



PREMIER
STORAGE INVESTORS

SELF STORAGE

Arlington, MA

February 09, 2022

VIEW 2
Morning

michael parker
studios



PREMIER
STORAGE INVESTORS

SELF STORAGE

Arlington, MA

February 09, 2022

VIEW 3
Afternoon

michael parker
studios



PREMIER
STORAGE INVESTORS

SELF STORAGE

Arlington, MA

1360 of 1740

February 09, 2022

VIEW 3
Morning

michael parker
studios



PREMIER
STORAGE INVESTORS

SELF STORAGE

Arlington, MA

February 09, 2022

VIEW 4

michael parker
studios



PREMIER
STORAGE INVESTORS

SELF STORAGE

Arlington, MA

February 09, 2022

VIEW 5

michael parker
studios

Site Plans

Issued for	**Local Approvals**
Date Issued	**February 9, 2022**
Latest Issue	**February 9, 2022**

Proposed Self Storage Facility

34 Dudley Street
Arlington, Massachusetts



Owner

34 Dudley Street LLC
34 Dudley Street
Arlington, MA 02476

Applicant

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive
Suite 155
Memphis, TN 38117

Assessor's Map: 55
Lot: 2-39.B

Sheet Index

No.	Drawing Title	Latest Issue
C1.01	Legend and General Notes	2/9/2022
C2.01	Site Preparation Plan	2/9/2022
C3.01	Layout and Materials Plan	2/9/2022
C4.01	Grading, Drainage, and Erosion Control Plan	2/9/2022
C5.01	Utility Plan	2/9/2022
C6.01-C6.03	Site Details	2/9/2022
L1.01	Planting Plan	2/9/2022
L2.01	Planting Details	2/9/2022

Reference Drawings

No.	Drawing Title	Latest Issue
Sv-1	Existing Conditions Plan of Land	11/5/2021
SL-1	Site Lighting Plan	2/9/2022
A-101 to A-106	Floor Plans	2/9/2022
A-201 to A-202	Exterior Elevations	2/9/2022

vhb.com

2 Bedford Farms Drive
Suite 200
Bedford, NH 03110
603.391.3900

Architect:
Michael Parker Studios, PLLC
13755 Thompson Place Drive
Mint Hill, NC 28227
704.578.2851

Surveyor:
VHB
101 Walnut Street
PO Box 9151
Watertown, MA 02471
617.924.1770

Geotechnical:
GeoEngineers, Inc.
239 Causeway Street
Boston, MA 02114
617.749.9227

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
NO. 47060
REGISTERED PROFESSIONAL ENGINEER
2/9/2022

VHB Project : 52816.00 Arlington Self Storage
Issued for : Local Approvals 02/09/2022

\\VHB\GBL\PRO\BEDFORD\52816.00 ARLINGTON SELF-STORAGE\CAD\LD\PLANSET\52816.00-COV 14 February 2022

Legend

Exist.	Prop.	
		PROPERTY LINE
		PROJECT LIMIT LINE
		RIGHT-OF-WAY/PROPERTY LINE
		EASEMENT
		BUILDING SETBACK
		PARKING SETBACK
10+00	10+00	BASELINE
		CONSTRUCTION LAYOUT
		ZONING LINE
		TOWN LINE
		LIMIT OF DISTURBANCE
		WETLAND LINE WITH FLAG
		FLOODPLAIN
BLSF	BLSF	BORDERING LAND SUBJECT TO FLOODING
BZ	BZ	WETLAND BUFFER ZONE
NDZ	NDZ	NO DISTURB ZONE
200'RA	200'RA	200' RIVERFRONT AREA
		GRAVEL ROAD
EOP	EOP	EDGE OF PAVEMENT
BB	BB	BITUMINOUS BERM
BC	BC	BITUMINOUS CURB
CC	CC	CONCRETE CURB
CG	CG	CURB AND GUTTER
CC	ECC	EXTRUDED CONCRETE CURB
CC	MCC	MONOLITHIC CONCRETE CURB
CC	PCC	PRECAST CONC. CURB
SGE	SGE	SLOPED GRAN. EDGING
VGC	VGC	VERT. GRAN. CURB
		LIMIT OF CURB TYPE
		SAWCUT
		BUILDING
	EN	BUILDING ENTRANCE
	LD	LOADING DOCK
		BOLLARD
D	D	DUMPSTER PAD
		SIGN
		DOUBLE SIGN
		STEEL GUARDRAIL
		WOOD GUARDRAIL
		PATH
		TREE LINE
		WIRE FENCE
		FENCE
		STOCKADE FENCE
		STONE WALL
		RETAINING WALL
		STREAM / POND / WATER COURSE
		DETENTION BASIN
		HAY BALES
		SILT FENCE
		SILT SOCK / STRAW WATTLE
4	4	MINOR CONTOUR
20	20	MAJOR CONTOUR
10	10	PARKING COUNT
	C10	COMPACT PARKING STALLS
DYL	DYL	DOUBLE YELLOW LINE
SL	SL	STOP LINE
		CROSSWALK
		ACCESSIBLE CURB RAMP
		ACCESSIBLE PARKING
VAN	VAN	VAN-ACCESSIBLE PARKING

Exist.	Prop.	
		CONCRETE
		HEAVY DUTY PAVEMENT
		BUILDINGS
		RIPRAP
		CONSTRUCTION EXIT
27.35 TC×	27.35 TC×	TOP OF CURB ELEVATION
26.85 BC×	26.85 BC×	BOTTOM OF CURB ELEVATION
132.75 ×	132.75 ×	SPOT ELEVATION
45.0 TW× 38.5 BW	45.0 TW× 38.5 BW	TOP & BOTTOM OF WALL ELEVATION
		BORING LOCATION
		TEST PIT LOCATION
MW	MW	MONITORING WELL
UD	UD	UNDERDRAIN
12"D	12"D	DRAIN
6"RD	6"RD	ROOF DRAIN
12"S	12"S	SEWER
FM	FM	FORCE MAIN
OHW	OHW	OVERHEAD WIRE
6"W	6"W	WATER
4"FP	4"FP	FIRE PROTECTION
	2"DW	DOMESTIC WATER
3"G	G	GAS
E	E	ELECTRIC
STM	STM	STEAM
T	T	TELEPHONE
FA	FA	FIRE ALARM
CATV	CATV	CABLE TV
		CATCH BASIN CONCENTRIC
		CATCH BASIN ECCENTRIC
		DOUBLE CATCH BASIN CONCENTRIC
		DOUBLE CATCH BASIN ECCENTRIC
		GUTTER INLET
		DRAIN MANHOLE CONCENTRIC
		DRAIN MANHOLE ECCENTRIC
TD		TRENCH DRAIN
E	E	PLUG OR CAP
CO	CO	CLEANOUT
		FLARED END SECTION
		HEADWALL
S		SEWER MANHOLE CONCENTRIC
S		SEWER MANHOLE ECCENTRIC
CS	CS	CURB STOP & BOX
WV	WV	WATER VALVE & BOX
TSV	TSV	TAPPING SLEEVE, VALVE & BOX
		FIRE DEPARTMENT CONNECTION
HYD	HYD	FIRE HYDRANT
WM	WM	WATER METER
PIV	PIV	POST INDICATOR VALVE
W	W	WATER WELL
GC	GC	GAS GATE
GM	GM	GAS METER
E	EMH	ELECTRIC MANHOLE
EM	EM	ELECTRIC METER
		LIGHT POLE
T	TMH	TELEPHONE MANHOLE
T	T	TRANSFORMER PAD
		UTILITY POLE
		GUY POLE
		GUY WIRE & ANCHOR
HH	HH	HAND HOLE
PB	PB	PULL BOX
		MATCHLINE

Abbreviations

General

ABAN	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
BIT	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LANE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
EL	ELEVATION
ELEV	ELEVATION
EX	EXISTING
FDN	FOUNDATION
FFE	FIRST FLOOR ELEVATION
GRAN	GRANITE
GTD	GRADE TO DRAIN
LA	LANDSCAPE AREA
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PERF	PERFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LANE LINE
TS	TOP OF SLOPE
TYP	TYPICAL

Utility

CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
DCB	DOUBLE CATCH BASIN
DMH	DRAIN MANHOLE
CIP	CAST IRON PIPE
COND	CONDUIT
DIP	DUCTILE IRON PIPE
FES	FLARED END SECTION
FM	FORCE MAIN
F&G	FRAME AND GRATE
F&C	FRAME AND COVER
GI	GUTTER INLET
GT	GREASE TRAP
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HH	HANDHOLE
HW	HEADWALL
HYD	HYDRANT
INV	INVERT ELEVATION
I=	INVERT ELEVATION
LP	LIGHT POLE
MES	METAL END SECTION
PIV	POST INDICATOR VALVE
PWW	PAVED WATER WAY
PVC	POLYVINYLCHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
R=	RIM ELEVATION
RIM=	RIM ELEVATION
SMH	SEWER MANHOLE
TSV	TAPPING SLEEVE, VALVE AND BOX
UG	UNDERGROUND
UP	UTILITY POLE

Notes

General

1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3. ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
4. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6" INCHES LOAM AND SEED.
5. WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
6. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
7. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
8. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
9. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
13. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.

Utilities

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
   A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
   B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
   C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
   A. WATER PIPES SHALL BE CEMENT LINED DUCTILE IRON (DI) CLASS 52.
   B. SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE, SDR-35
   C. STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HDPE).
   D. PIPE INSTALLATION AND MATERIALS SHALL COMPLY WITH THE STATE PLUMBING CODE WHERE APPLICABLE. CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING INSPECTOR PRIOR TO BEGINNING WORK.
8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
9. CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
10. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.

Layout and Materials

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. CURB RADII ARE 3 FEET UNLESS OTHERWISE NOTED.
3. CURBING SHALL BE PRECAST CONCRETE CURB (PCC) WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS.
4. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
5. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
6. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.

Demolition

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
4 THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Erosion Control

1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
2. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE ORDER OF CONDITIONS. THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

Existing Conditions Information

1. BASE PLAN: THE PROPERTY LINES SHOWN ON THE LAYOUT AND MATERIALS PLAN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN OCTOBER, 2021, AND FROM DEEDS AND PLANS OF RECORD. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY VHB, INC., DURING OCTOBER, 2021.
   A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB ENVIRONMENTAL DEPARTMENT IN OCTOBER, 2021.
   B. FLAGS MARKING THE WETLANDS WERE LOCATED BY: VHB, BY FIELD SURVEY IN OCTOBER, 2021
2. TOPOGRAPHY: ELEVATIONS ARE BASED ON NAVD OF 1988.
3. GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM GEOENGINEERS USA, PC DATED JANUARY 28, 2022.

Document Use

1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.
2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

vhb.com

vhb

101 Walnut Street
PO Box 9151
Watertown, MA 02471
617.924.1770

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by MEA | Checked by EKG

Issued for: **Local Approvals** | Date: **February 9, 2022**

Not Approved for Construction

Drawing Title
Legend and General Notes

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
NO. 47090
REGISTERED PROFESSIONAL ENGINEER
2/9/2022

Drawing Number
C1.01

Sheet 1 of 10

Project Number
52816.00

Saved Wednesday, February 9, 2022 6:29:05 PM MADAMS Plotted Monday, February 14, 2022 1:13:29 PM Eric Gerade

Document Use:

THIS BASE PLAN ILLUSTRATES THE MINIMUM PERIMETER EROSION & SEDIMENTATION CONTROLS. THE CONTRACTOR SHALL UPDATE THIS PLAN THROUGHOUT THE DURATION OF CONSTRUCTION TO SHOW THE LOCATIONS OF PROPOSED/CONSTRUCTED E&S CONTROLS DEEMED NECESSARY TO MEET THE REQUIREMENTS OF THE ORDER OF CONDITIONS.

PROJECT E&S NARRATIVE:
THE PROPOSED PROJECT CONSISTS OF A 95,700± SQUARE-FOOT SELF STORAGE FACILITY WITH ANCILLARY LANDSCAPE IMPROVEMENTS, PARKING SPACES, AND UTILITY IMPROVEMENTS TO SUPPORT THIS USE. THE APPROXIMATELY 0.78 ACRE SITE WILL BE DEVELOPED AS A SINGLE-PHASE PROJECT.

EROSION AND SEDIMENTATION CONTROL TECHNIQUES
THE EROSION AND SEDIMENTATION CONTROLS SHOWN HEREON ARE PERIMETER MEASURES ONLY. THE CONTRACTOR IS REQUIRED TO PROVIDE ADDITIONAL INTERIM EROSION AND SEDIMENTATION CONTROLS, INCLUDING BUT NOT LIMITED TO THOSE LISTED BELOW. THE CONTRACTOR SHALL MANAGE EROSION AND SEDIMENTATION DURING CONSTRUCTION TO PREVENT IMPACTS TO RESOURCE AREAS, ROADWAYS, AND ABUTTING PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE EROSION AND SEDIMENTATION CONTROLS THROUGHOUT THE DURATION OF CONSTRUCTION.

CATCH BASIN PROTECTION
NEWLY CONSTRUCTED AND EXISTING CATCH BASINS WILL BE PROTECTED WITH SILT SACKS THROUGHOUT CONSTRUCTION.

GRAVEL AND CONSTRUCTION ENTRANCE/EXIT
A TEMPORARY CRUSHED-STONE CONSTRUCTION ENTRANCE/EXIT WILL BE CONSTRUCTED. A CROSS SLOPE WILL BE PLACED IN THE ENTRANCE TO DIRECT RUNOFF TO THE SEDIMENT TRAP.

VEGETATIVE SLOPE STABILIZATION
STABILIZATION OF OPEN SOIL SURFACES WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, UNLESS THERE IS SUFFICIENT SNOW COVER TO PROHIBIT IMPLEMENTATION. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR FLATTER. ANNUAL GRASSES, SUCH AS ANNUAL RYE, WILL BE USED TO ENSURE RAPID GERMINATION AND PRODUCTION OF ROOTMASS. PERMANENT STABILIZATION WILL BE COMPLETED WITH THE PLANTING OF PERENNIAL GRASSES OR LEGUMES. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.

TEMPORARY SEDIMENT BASINS
TEMPORARY SEDIMENT BASINS WILL BE DESIGNED EITHER AS EXCAVATIONS OR BERMED STORMWATER DETENTION STRUCTURES (DEPENDING ON GRADING) THAT WILL RETAIN RUNOFF FOR A SUFFICIENT PERIOD OF TIME TO ALLOW SUSPENDED SOIL PARTICLES TO SETTLE OUT PRIOR TO DISCHARGE. THESE TEMPORARY BASINS WILL BE LOCATED BASED ON CONSTRUCTION NEEDS AS DETERMINED BY THE CONTRACTOR AND OUTLET DEVICES WILL BE DESIGNED TO CONTROL VELOCITY AND SEDIMENT. POINTS OF DISCHARGE FROM SEDIMENT BASINS WILL BE STABILIZED TO MINIMIZE EROSION. AT A MINIMUM, SEDIMENTATION BASINS SHALL BE DESIGNED AND CONSTRUCTED TO PROVIDE STORAGE FOR THE VOLUME OF RUNOFF GENERATED FROM A 2-YR, 24-HR DESIGN STORM, OR AT LEAST 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINING TO THE BASIN.

STOCKPILE MANAGEMENT
SIDESLOPES OF STOCKPILED MATERIAL SHALL BE NO STEEPER THAN 2:1. STOCKPILES NOT USED WITHIN 30 DAYS NEED TO BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE. STRAW BALES AND SILT FENCE ARE TO BE PLACED AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE TOE OF SLOPE.

DUST CONTROL
PERIODICALLY MOISTEN EXPOSED SURFACES ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAY DAMP AND REDUCE DUST.

TEMPORARY EROSION AND SEDIMENTATION CONTROL MAINTENANCE (THROUGHOUT CONSTRUCTION)

THE SITE CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER ORDER OF CONDITIONS. THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS. RECORDS OF THE INSPECTIONS WILL BE PREPARED AND MAINTAINED ON-SITE BY THE CONTRACTOR.

SILT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6-INCHES DEEP OR AS NEEDED.

DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

SEDIMENT THAT IS COLLECTED IN STRUCTURES SHALL BE DISPOSED OF PROPERLY AND COVERED IF STORED ON-SITE.

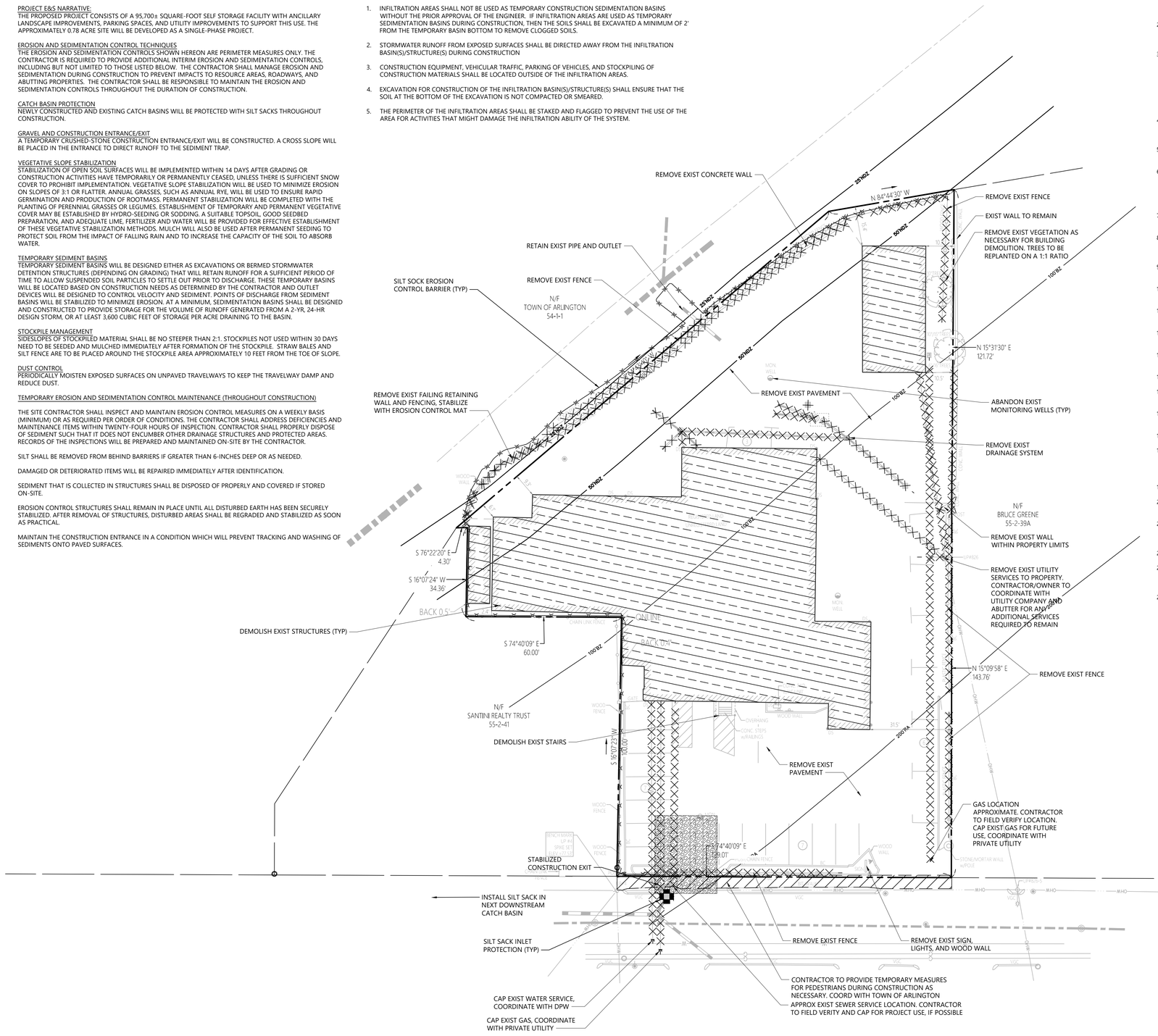
EROSION CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. AFTER REMOVAL OF STRUCTURES, DISTURBED AREAS SHALL BE REGRADED AND STABILIZED AS SOON AS PRACTICAL.

MAINTAIN THE CONSTRUCTION ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENTS ONTO PAVED SURFACES.

INFILTRATION AREA PROTECTION DURING CONSTRUCTION

FOR THE LONG-TERM FUNCTION OF THE INFILTRATION BASIN(S)/STRUCTURE(S), CARE SHALL BE TAKEN IN THE INFILTRATION AREAS DURING CONSTRUCTION THE CONSTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPS):

1. INFILTRATION AREAS SHALL NOT BE USED AS TEMPORARY CONSTRUCTION SEDIMENTATION BASINS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER. IF INFILTRATION AREAS ARE USED AS TEMPORARY SEDIMENTATION BASINS DURING CONSTRUCTION, THEN THE SOILS SHALL BE EXCAVATED A MINIMUM OF 2' FROM THE TEMPORARY BASIN BOTTOM TO REMOVE CLOGGED SOILS.
2. STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THE INFILTRATION BASIN(S)/STRUCTURE(S) DURING CONSTRUCTION
3. CONSTRUCTION EQUIPMENT, VEHICULAR TRAFFIC, PARKING OF VEHICLES, AND STOCKPILING OF CONSTRUCTION MATERIALS SHALL BE LOCATED OUTSIDE OF THE INFILTRATION AREAS.
4. EXCAVATION FOR CONSTRUCTION OF THE INFILTRATION BASIN(S)/STRUCTURE(S) SHALL ENSURE THAT THE SOIL AT THE BOTTOM OF THE EXCAVATION IS NOT COMPACTED OR SMEARED.
5. THE PERIMETER OF THE INFILTRATION AREAS SHALL BE STAKED AND FLAGGED TO PREVENT THE USE OF THE AREA FOR ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION ABILITY OF THE SYSTEM.



Site Preparation Notes:

1. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS
2. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF DEMOLITION INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
3. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR IT'S REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
4. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
5. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
6. THE DEMOLITION LIMITS DEPICTED IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
7. EXISTING UTILITIES AND FEATURES TO REMAIN SHALL BE MAINTAINED AND PROTECTED AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
8. EXISTING UTILITY LINES NOT SPECIFICALLY NOTED OR SHOWN WHICH ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE CAPPED, EXTENDED, PROTECTED, REMOVED, OR REWORKED AS DIRECTED OR REQUIRED BY THE OWNER OR THE TOWN OF ARLINGTON.
9. CM/CONTRACTOR SHALL APPLY FOR AND OBTAIN ALL NECESSARY PERMITS FROM LOCAL AND STATE AUTHORITIES TO COMPLETE THE WORK.
10. CM/CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY REGULATIONS TO PROTECT THE PUBLIC WHILE DEMOLITION WORK IS BEING PERFORMED.
11. FURNISH, ERECT AND MAINTAIN ALL TEMPORARY BARRICADES, FENCES, COVERINGS, ENCLOSURES, SIGNS AND LIGHTING AS MAY BE REQUIRED TO CARRY ON DEMOLITION WORK IN A SAFE AND LEGAL MANNER.
12. CATCH BASINS WITHIN THE LIMIT OF WORK AND IN THE IMMEDIATE VICINITY OF THE LIMIT OF WORK SHALL BE FITTED WITH SEDIMENTATION TRAPS UNTIL THE SITE IS PERMANENTLY STABILIZED.
13. CM/CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
14. DO NOT USE EXPLOSIVES FOR BUILDING DEMOLITION.
15. DUST CONTROL TREATMENTS SHALL BE APPLIED AS NECESSARY TO CONTROL AND REDUCE THE AMOUNT OF DUST WHICH MAY CAUSE OFF SITE DAMAGE, BE A HEALTH HAZARD TO HUMANS, WILDLIFE AND PLANT LIFE, OR POSE A HAZARD TO TRAFFIC SAFETY.
16. ADJOINING STREETS AND PROPERTIES SHALL BE KEPT FREE OF DEBRIS RESULTING FROM THE DEMOLITION AND SHALL BE BROOM CLEANED ON A DAILY BASIS.
17. HOURS OF OPERATION TO BE AS PER LOCAL ORDINANCE. CM/CONTRACTOR TO VERIFY PRIOR TO STARTING ON SITE OPERATIONS.
18. WHERE CONNECTIONS TO EXISTING UTILITIES ARE PROPOSED, THE CM/CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE EXISTING UTILITY AT THE CONNECTION POINT PRIOR TO ORDERING MATERIALS OR DEMOLISHING ANY UNUSED PORTIONS OF THE UTILITY AS SPECIFICALLY CALLED OUT ON THIS PLAN. DISCREPANCIES WITH THE EXISTING CONDITIONS INFORMATION SHOWN SHALL BE REPORTED TO THE ENGINEER FOR DIRECTION.
19. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SITE ACCESS AND SITE SECURITY AT ALL TIMES DURING CONSTRUCTION.
20. ALL EXISTING TREES WITHIN THE LIMIT OF DEMOLITION SHALL BE REMOVED AND DISPOSED OF OFF SITE AT A SAFE, APPROVED LOCATION UNLESS OTHERWISE NOTED.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING CONSTRUCTION EXITS AT ALL CONSTRUCTION VEHICLE ACCESS POINTS ONTO DISTURBED AREAS OF THE SITE. CONSTRUCTION EXITS SHALL BE MAINTAINED UNTIL DISTURBED PORTIONS OF THE SITE ARE STABILIZED AS DETERMINED BY THE ENGINEER
22. CONTRACTOR MUST MAINTAIN ALL EXISTING SERVICES TO THE ABUTTING PROPERTY.
23. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
24. THE SITE CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE TOWN OF ARLINGTON CONSERVATION COMMISSION ORDER OF CONDITIONS. THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS. RECORDS OF THE INSPECTIONS WILL BE PREPARED AND MAINTAINED ON-SITE BY THE CONTRACTOR.

LEGEND

- XXXXX – TO BE REMOVED
- ////////- UTILITIES TO BE ABANDONED IN PLACE
- CONCRETE TO BE REMOVED
- STRUCTURE TO BE REMOVED

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0 10 20 40 Feet

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by SJH | Checked by EKG

Issued for: Local Approvals — Date: February 9, 2022

Not Approved for Construction

Drawing Title: **Site Preparation Plan**

COMMONWEALTH OF MASSACHUSETTS — ERIC K. GERADE — CIVIL — NO. 47060 — REGISTERED PROFESSIONAL ENGINEER — 2/9/2022

Drawing Number: **C2.01**

Sheet 2 of 10

Project Number: **52816.00**

Zoning Summary Chart

Zoning District:	Industrial (I)
Overlay District:	Inland Wetland District

Zoning Regulation Requirements	Required*	Provided
MAXIMUM FRONT YARD SETBACK	10 Feet	10.0 Feet
MINIMUM FRONT YARD SETBACK	10 Feet	10.0 Feet
SIDE YARD SETBACK	10 Feet	10.0 Feet
REAR YARD SETBACK	10 Feet	12.5 Feet
MAXIMUM FLOOR AREA RATIO	3.0	2.81
MAXIMUM BUILDING HEIGHT	5 Stories	58 Feet, 5 Stories **

* Zoning regulation requirements as specified in the Town of Arlington Zoning Bylaw, Amended on April 26, 2021, Section 5.6.2

** 58' Top of Parapet, 54' 10" to top of roof

Inland Wetland District Performance Standards

	Existing	Proposed	Improvement
IMPERVIOUS AREA (50' SETBACK)	3790 SF	1461 SF	2329 SF (61.5%)
IMPERVIOUS SETBACK	25.9 Feet	34.1 Feet	+8.2 Feet

Sign Summary

M.U.T.C.D. Number	Specification Width	Specification Height	Desc.
R1-1	30"	30"	STOP
R7-8	12"	18"	RESERVED PARKING
R7-8P	12"	6"	VAN ACCESSIBLE
SP-1	12"	18"	RESERVED FOR CARPOOL PARKING

Building Sign Summary

ID Number	Sign Type	Specification Width	Specification Height	Specification Area	Desc.
1	Wall Sign	288"	90"	180 SF	CUBESMART Self Storage
2	Wall Sign	288"	90"	180 SF	CUBESMART Self Storage
3	Wall Sign	29.25"	6"	1.22 SF	OFFICE
4	Wall Sign	52"	11"	3.97 SF	LOADING
5	Freestanding Sign	78"	44"	23.8 SF	CUBESMART Self Storage

NOTE:

1. SIGNS FROM SIGN PACKAGE PREPARED BY ELRO SIGNS FOR CUBESMART SELF STORAGE, 34 DUDLEY STREET, ARLINGTON, MA, DATED JANUARY 10, 2022. REFER TO SIGN PACKAGE FOR SIGN DETAILS AND RENDERINGS.

Parking Summary Chart

Description	Size Required	Size Provided	Spaces Required	Spaces Provided
STANDARD SPACES	8.5 x 18	8.5 x 18	96	7
PARALLEL SPACES	8 x 22	8 x 22	0	3
ACCESSIBLE SPACES*	8 x 18	8.5 x 18	-	1
TOTAL SPACES			96	11
LOADING BAYS**			3	4
BICYCLE SPACES***			134	11

* ADA/STATE/LOCAL REQUIREMENTS. (1 ACCESSIBLE SPACE PER 1-25 TOTAL PARKING SPACES) PER § 208.2 OF 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

** LOADING BAYS: THREE BAYS FOR BETWEEN 40,001 SF AND 120,000 SF

*** BICYCLE PARKING REQUIRED BASED ON 0.8/1,000 SF LONG TERM AND 0.6/1,000 SF SHORT TERM PARKING. 4 BICYCLE SPACES ARE PROVIDED BY TWO RACKS UNDER THE BUILDING OVERHANG. 6 BICYCLE SPACES ARE PROVIDED WITHIN THE COVERED LOADING AREA. EMPLOYEE BICYCLE STORAGE WILL BE PROVIDED WITHIN A TENANT STORAGE UNIT THE BUILDING (1 SPACE MINIMUM).

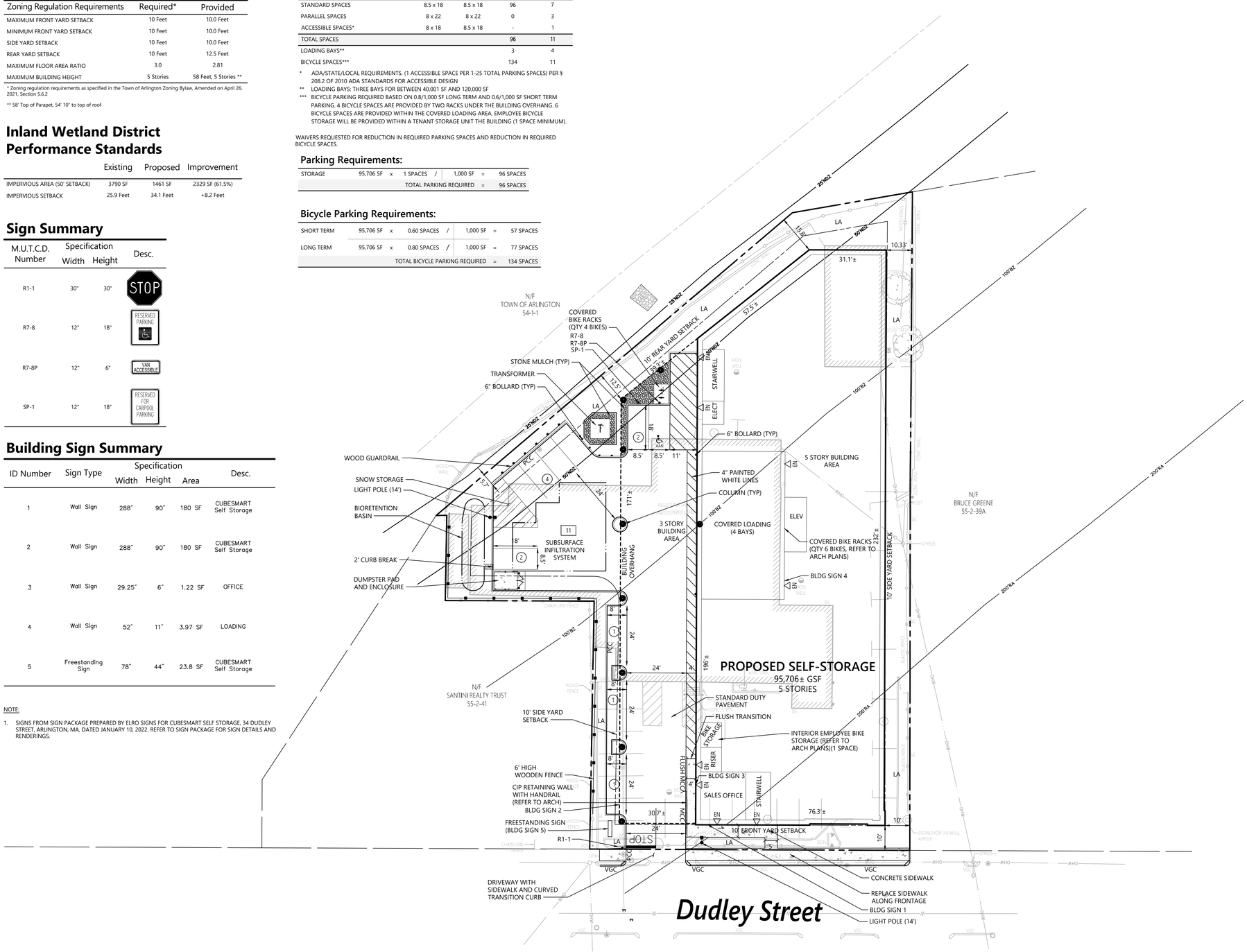
WAIVERS REQUESTED FOR REDUCTION IN REQUIRED PARKING SPACES AND REDUCTION IN REQUIRED BICYCLE SPACES.

Parking Requirements:

STORAGE	95,706 SF	x	1 SPACES	/	1,000 SF	= 96 SPACES
			TOTAL PARKING REQUIRED			= 96 SPACES

Bicycle Parking Requirements:

SHORT TERM	95,706 SF	x	0.60 SPACES	/	1,000 SF	= 57 SPACES
LONG TERM	95,706 SF	x	0.80 SPACES	/	1,000 SF	= 77 SPACES
			TOTAL BICYCLE PARKING REQUIRED			= 134 SPACES



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0 10 20 40 Feet

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by SJH | Checked by EKG

Issued for: Local Approvals | Date: February 9, 2022

Not Approved for Construction

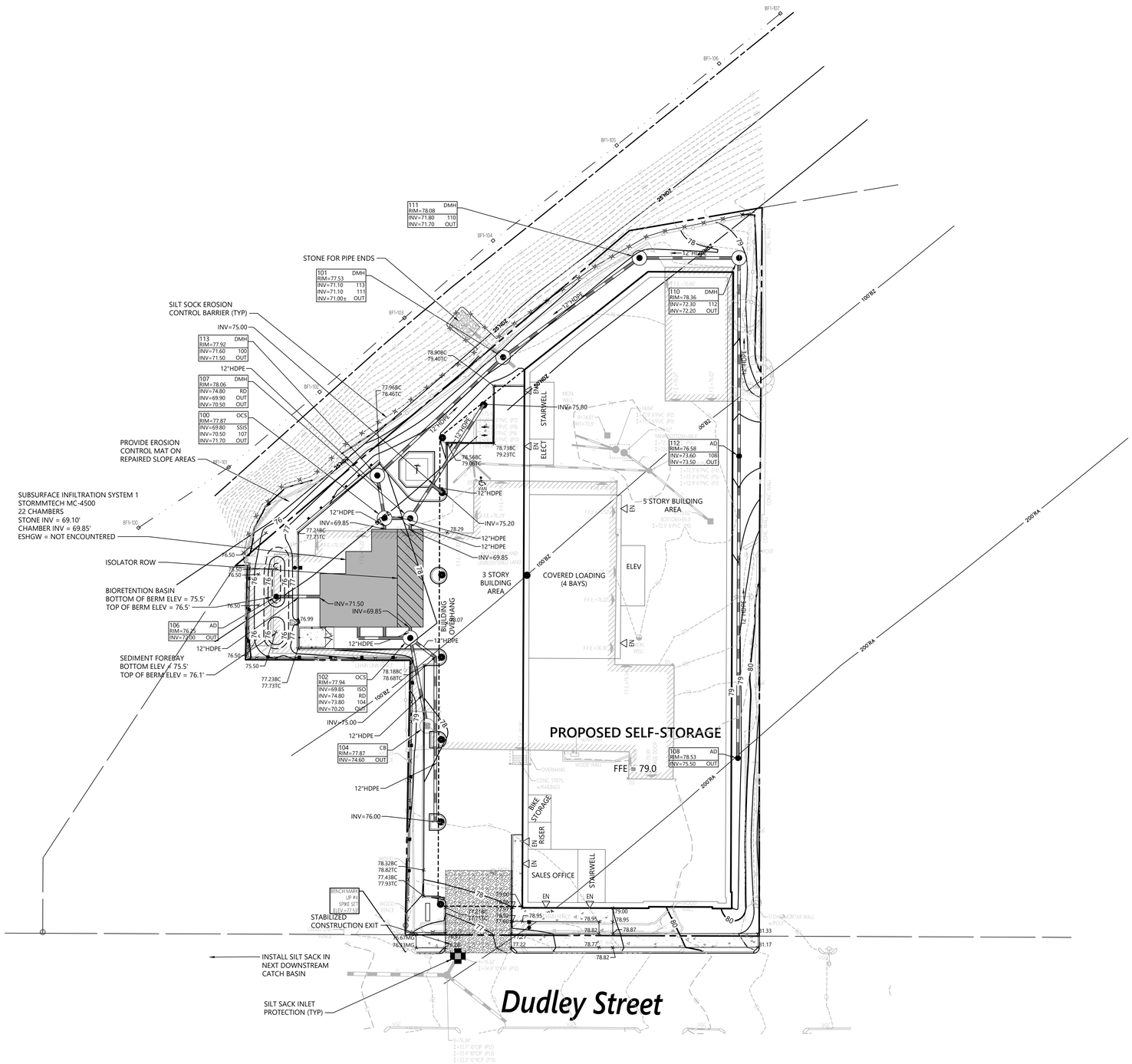
Drawing Title: Layout and Materials Plan

Drawing Number: C3.01

Sheet 3 of 10

Project Number: 52816.00

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
NO. 47090
REGISTERED PROFESSIONAL ENGINEER
2/9/2022



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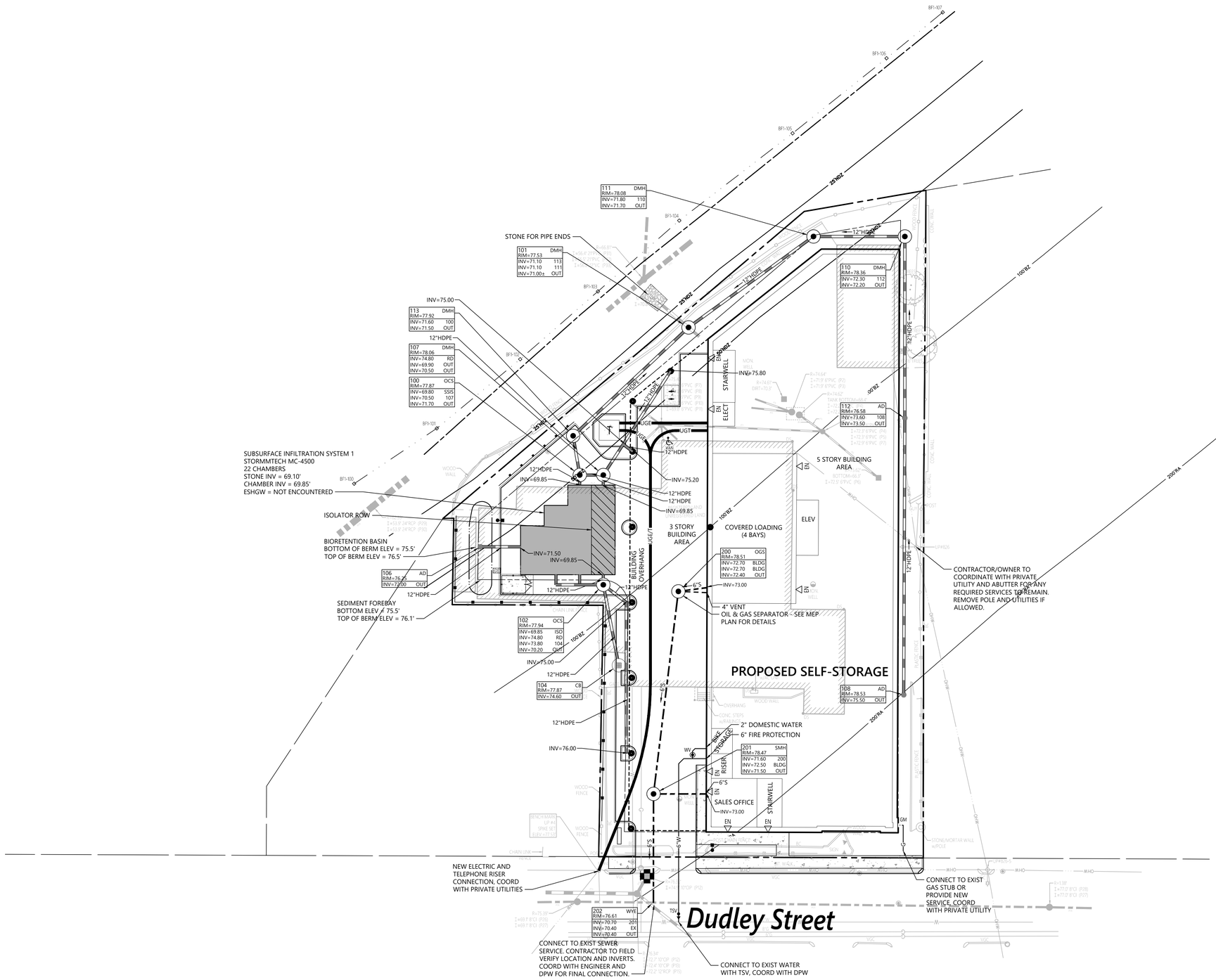
Drawing Title
Grading, Drainage, and Erosion Control Plan

COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
CIVIL
NO. 47090
REGISTERED PROFESSIONAL ENGINEER
2/9/2022

Drawing Number
C4.01

Sheet 4 of 10

Project Number
52816.00



0 10 20 40 Feet

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by SJH | Checked by EKG

Issued for: Local Approvals | Date: February 9, 2022

Not Approved for Construction

Drawing Title
Utility Plan

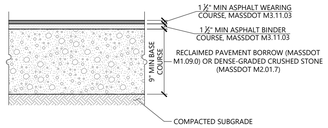
Drawing Number
C5.01

Sheet 5 of 10

Project Number
52816.00

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COMMONWEALTH OF MASSACHUSETTS
ERIC K. GERADE
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2/9/2022



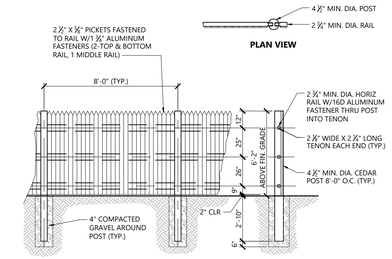
STANDARD DUTY FLEXIBLE PAVEMENT

NOTE

BASE COURSE FOR PAVEMENT SHOULD BE PLACED IN 12" THICK LOOSE LIFTS AND COMPACTED TO AT LEAST 95 PERCENT OF ITS MAXIMUM DRY DENSITY (MDD) AS DETERMINED BY ASTM D1557 METHOD C (MODIFIED PROTRACTOR).

Bituminous Concrete Pavement Section

N.T.S. Source: GeoEngineers, Inc.



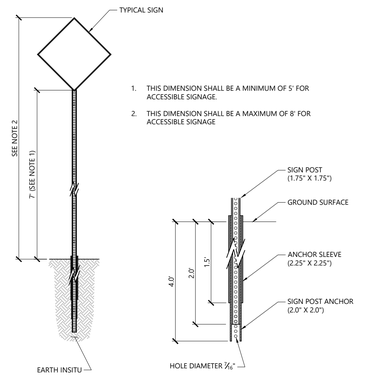
NOTES

1. ALL FENCING MATERIAL SHALL BE NORTHERN WHITE CEDAR, SAWN TO THE DIMENSIONS SHOWN ON THE DRAWING.
2. ALL FENCE POSTS SHALL BE TREATED WITH PRESERVATIVE PER MANUFACTURER'S RECOMMENDATION ON ALL SIDES FOR A DIMENSION OF 3'-0" FROM BUTT OF POST.
3. POSTS SHALL MAINTAIN A DEPTH OF 2'-10" IN GROUND AND SHALL NOT BE RACKED TO ACCOMMODATE CHANGES IN GRADE.
4. LINE OF FENCE TOP AND BOTTOM SHALL BE INSTALLED STRAIGHT AND TRUE. POSTS AND PICKETS SHALL BE INSTALLED PARALLEL AND PLUMB. RAILS SHALL BE INSTALLED PARALLEL TO GROUND SURFACE AND EACH OTHER.
5. GATE HARDWARE SHALL BE DOUBLE DIP HOT GALVANIZED. THE CONTRACTOR SHALL SUBMIT GATE AND FENCE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW.

6' Single Sided Stockade Fence

1/16

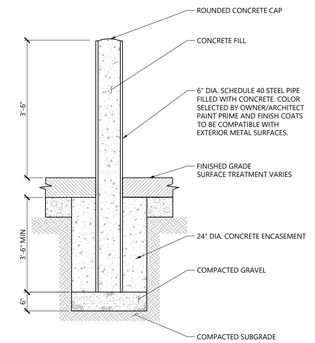
N.T.S. Source: VHB LD_470



Sign Post - Type 'B'

3/19

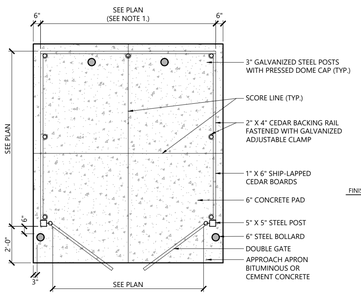
N.T.S. Source: VHB LD_702

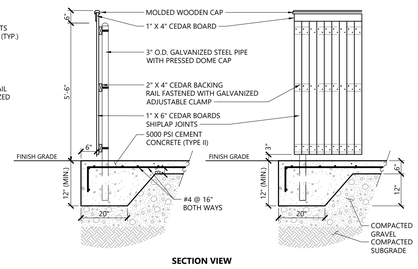


Bollard

12/19

N.T.S. Source: VHB LD_700





NOTES

1. DUMPSTER PAD DIMENSIONS SHOWN AS MINIMUM. REFER TO PLAN FOR ACTUAL DIMENSION.
2. PAD DESIGNED FOR 6 YARD DUMPSTER.

Dumpster Pad w/ Enclosure

1/20

N.T.S. Source: VHB LD_713

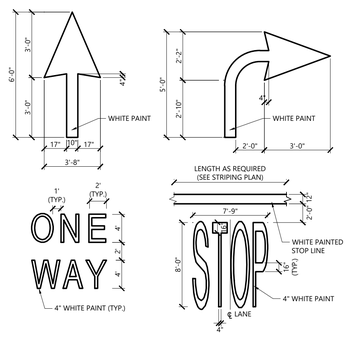
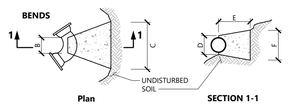

6'-6"
3'-0"
3'-0"
WHITE PAINT
17"
10"
17"
3'-8"
4"
ONE WAY
4" WHITE PAINT (TYP.)
2'-2"
5'-0"
2'-10"
4"
WHITE PAINT
2'-0"
3'-0"
LENGTH AS REQUIRED (SEE STRIPING PLAN)
7'-9"
2'-0"
12"
WHITE PAINTED STOP LINE
16" (TYP.)
8'-0"
STOP
4" WHITE PAINT
4'
4'
4'

TABLE OF DIMENSIONS

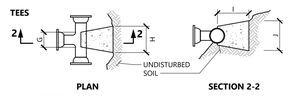
BENDS	B	C	D	E	F	BENDS	B	C	D	E	F
6" 11 ¼°	8"	15"	12"	24"	12"	6" 45°	8"	30"	12"	24"	14"
6" 22 ½°	"	19"	"	"	13"	6" 90°	"	30"	"	"	27"
8" 11 ¼°	"	20"	"	"	12"	8" 45°	"	30"	"	"	24"
8" 22 ½°	"	22"	"	"	17"	8" 90°	"	38"	"	"	36"
12" 11 ¼°	"	30"	"	"	15"	12" 45°	"	40"	"	"	40"
12" 22 ½°	"	35"	"	"	25"	12" 90°	"	60"	"	"	52"



Plan SECTION 1-1

TABLE OF DIMENSIONS

TEES	G	H	I	J	TEES	G	H	I	J
6"X6"X6"	12"	24"	24"	18"	12"X12"X6"	12"	24"	24"	18"
8"X8"X6"	"	"	"	"	12"X12"X8"	"	"	"	24"
8"X8"X8"	"	"	"	24"	12"X12"X12"	"	36"	"	36"



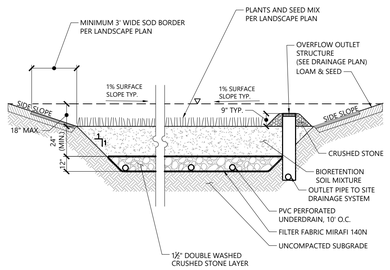
PLAN SECTION 2-2

NOTES

1. PROVIDE BLOCKS FOR TAPPING SLEEVES, DEAD ENDS, GATE VALVES, AND VERTICAL BENDS (SAME SIZE AS REQUIRED FOR TEES). PROVIDE ANCHOR RODS AT VERTICAL BENDS AND GATE VALVES.
2. CONCRETE SHALL NOT BE PLACED AGAINST PIPE BEYOND FITTING.
3. CONCRETE SHALL BE 3,000 PSI-TYPE I.

Concrete Thrust Block 1/16

N.T.S. Source: VHB LD_260

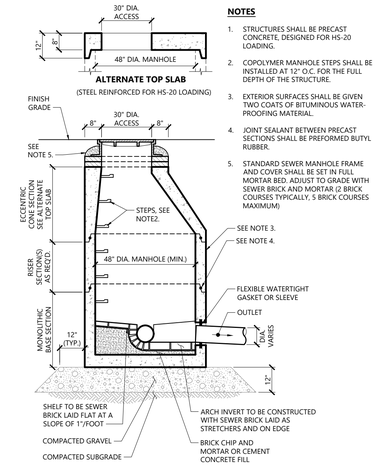


NOTES

1. INSTALL UNDERDRAINS AT 10 FEET ON CENTER. CONNECT TO DRAINS PER PLAN.
2. SIDE SLOPES SHALL BE 3:1 MAX. 2% MIN.

Bioretention Basin 3/20

N.T.S. Source: VHB LD_199

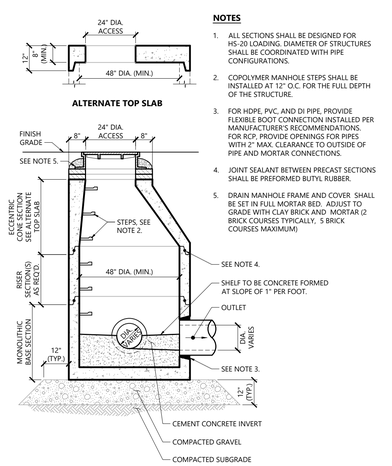


NOTES

1. STRUCTURES SHALL BE PRECAST CONCRETE, DESIGNED FOR HS-20 LOADING.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. EXTERIOR SURFACES SHALL BE GIVEN TWO COATS OF BITUMINOUS WATER-PROOFING MATERIAL.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. STANDARD SEWER MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH SEWER BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

Sanitary Sewer Manhole (SMH) 1/16

N.T.S. Source: VHB LD_200

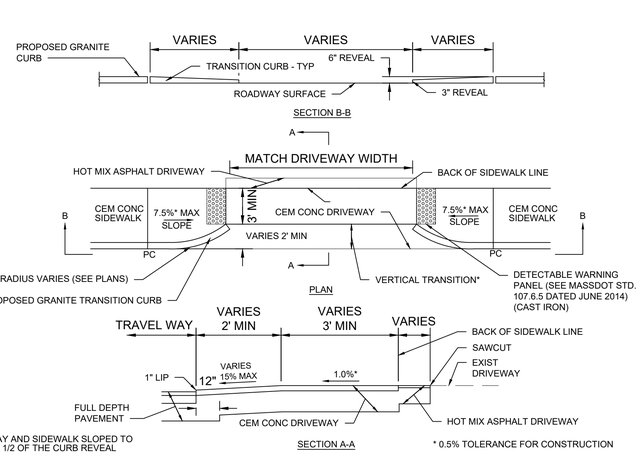


NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

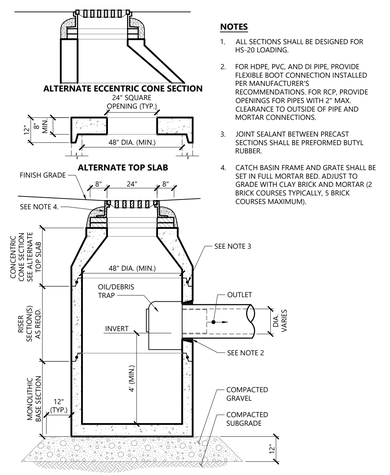
Drain Manhole (DMH) 11/19

N.T.S. Source: VHB LD_115



Typical Driveway with Sidewalk and Curved Transition Curb

N.T.S.

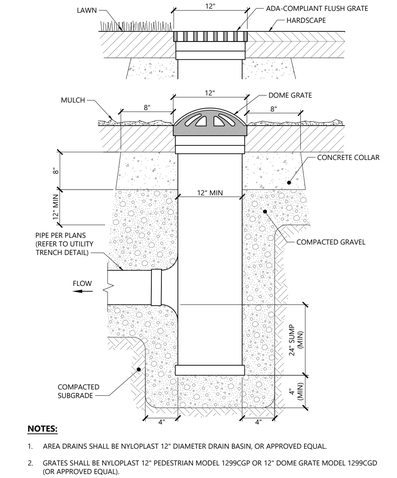


NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
4. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

Catch Basin (CB) With Oil/Debris Trap 3/21

N.T.S. Source: VHB LD_101

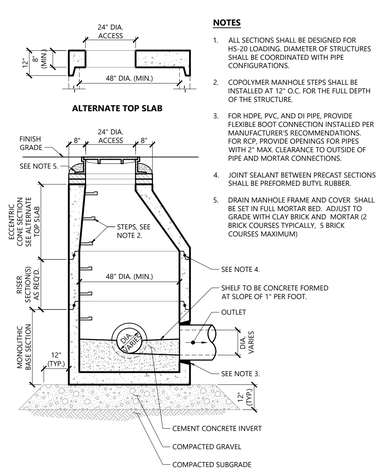


NOTES:

1. AREA DRAINS SHALL BE NYLOPLAST 12" DIAMETER DRAIN BASIN, OR APPROVED EQUAL.
2. GRATES SHALL BE NYLOPLAST 12" PEDESTRIAN MODEL 1299CGP OR 12" DOME GRATE MODEL 1299CGD (OR APPROVED EQUAL).

Area Drain (AD) Type 1 12/19

N.T.S. Source: VHB LD_193

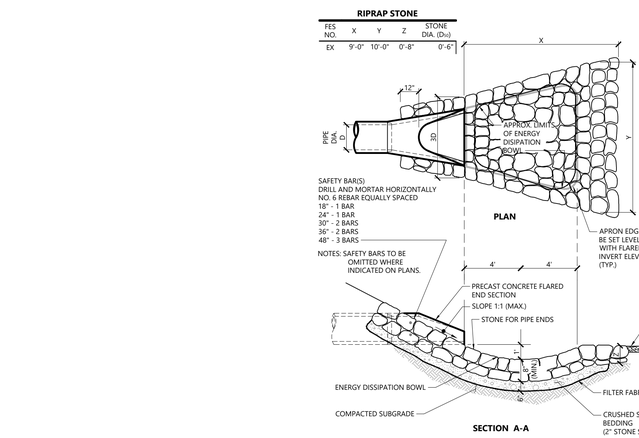


NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)

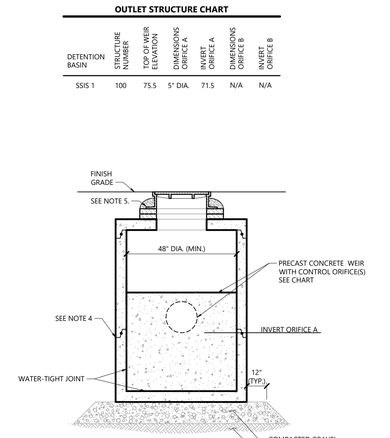
Drain Manhole (DMH) 11/19

N.T.S. Source: VHB LD_115



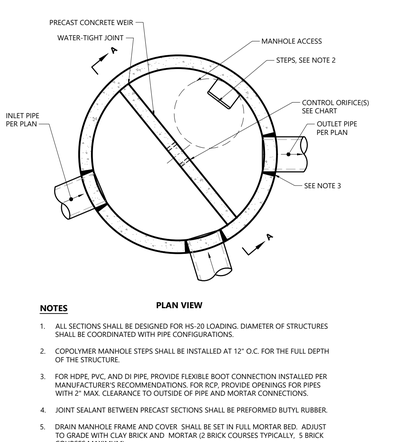
Flared End Section (FES) with Stone Protection 3/19

N.T.S. Source: VHB REV LD_134



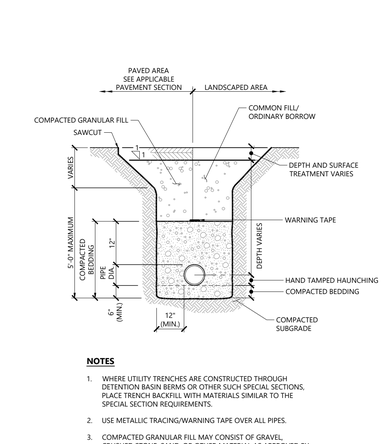
Outlet Control Structure with Weir (OCS) 3/20

N.T.S. Source: VHB LD_162A



NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM)



NOTES

1. WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
2. USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.
3. COMPACTED GRANULAR FILL MAY CONSIST OF GRAVEL, CRUSHED STONE, SAND, OR OTHER MATERIAL AS APPROVED BY ENGINEER.

Utility Trench 11/19

N.T.S. Source: VHB LD_300

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Proposed Self-Storage Facility

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Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by MEA Checked by EKG

Issued for Date

Local Approvals February 9, 2022

Not Approved for Construction

Drawing Title

Site Details 2

Drawing Number

C6.02

Sheet 7 of 10

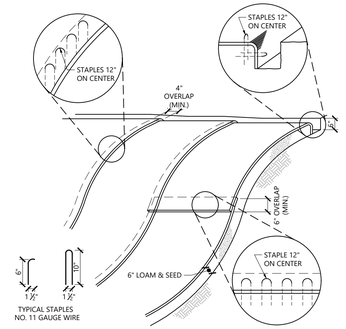
Project Number

52816.00

COMMONWEALTH OF MASSACHUSETTS ERIC K. GERADE CIVIL NO. 47090 REGISTERED PROFESSIONAL ENGINEER 2/9/2022

Saved Monday, February 14, 2022 1:11:22 PM EGERADE Plotted Monday, February 14, 2022 1:16:47 PM Eric Gerade

\\vhb\gbl\proj\Bedford\52816.00 Arlington Self-Storage\cad\dl\Planset\52816.00-DT.dwg



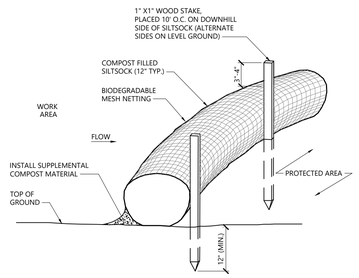
NOTES

1. BEGIN AT THE TOP OF BLANKET INSTALLATION AREA BY ANCHORING BLANKET IN A 6" DEEP TRENCH BACKFILL AND COMPACT TRENCH AFTER STAPLING.
2. ROLL THE BLANKET DOWN THE SWALE IN THE DIRECTION OF THE WATER FLOW.
3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2 OR MORE STRIP WIDTHS ARE REQUIRED.
4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE UPPER BLANKET END OVER LOWER END WITH 6 INCH (MIN.) OVERLAP AND STAPLE BOTH TOGETHER.
5. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.
6. EROSION CONTROL BLANKETS SHALL BE USED IN ALL AREAS WHERE SLOPES EXCEED 3:1.

Erosion Control Blanket Slope Installation

10/20

N.T.S. Source: VHB LD_680



NOTES

1. SILTSOCK SHALL BE FILTREXX SILTSOXX, OR APPROVED EQUAL.
2. SILTSOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.
3. SILTSOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
4. UPON SITE STABILIZATION, COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.

Siltsock - Erosion Control Barrier

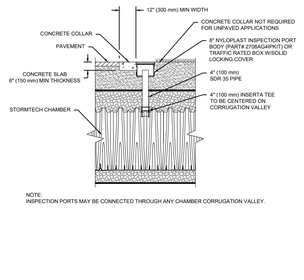
10/20

N.T.S. Source: VHB LD_658

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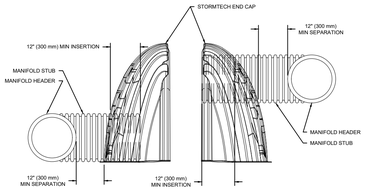
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NOTE:
INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION VALLEY.

Stormtech Inspection Port

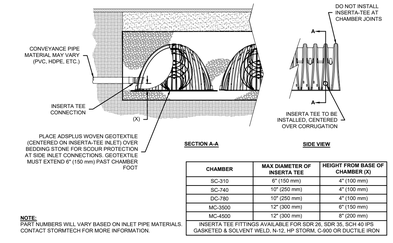
N.T.S. Source: Stormtech



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

Stormtech End Cap Insertion

N.T.S. Source: Stormtech

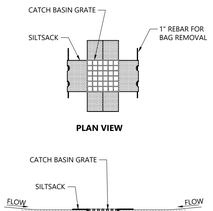


CHAMBER	MAX DIAMETER OF INSERTA TEE	HEIGHT FROM BASE OF CHAMBER (X)
SC-310	6" (150 mm)	4" (100 mm)
SC-740	10" (250 mm)	4" (100 mm)
DC-780	10" (250 mm)	4" (100 mm)
MC-3500	12" (300 mm)	6" (150 mm)
MC-4500	12" (300 mm)	8" (200 mm)
INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, SCH 40 IPS GASKETED & SOLVENT WELD, N-12, HP STORM, C-900 OR DUCTILE IRON		

NOTE:
PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.

Stormtech Inserta-Tee Side Inlet

N.T.S. Source: Stormtech



PLAN VIEW

SECTION VIEW

NOTES

1. INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND HAY BALES HAVE BEEN REMOVED.
2. GRATE TO BE PLACED OVER SILTSACK.
3. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED

Siltsack Sediment Trap

1/20

N.T.S. Source: VHB LD_674

Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by MEA Checked by EKG

Issued for
Local Approvals

Date
February 9, 2022

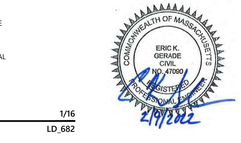
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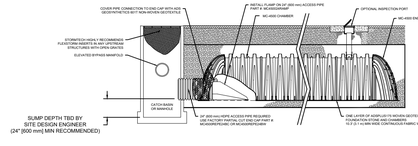
Drawing Title
Site Details 3

Drawing Number
C6.03

Sheet 8 of 10

Project Number
52816.00





StormTech MC-4500 Isolator Row Profile

N.T.S. Source: StormTech

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1: REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2: REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3: USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4: LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5: IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1: REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2: USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3: IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

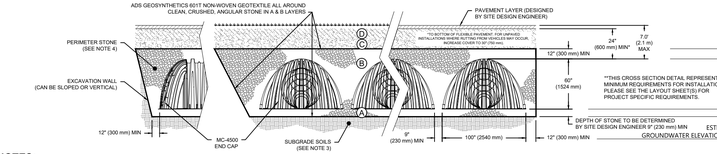
NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.

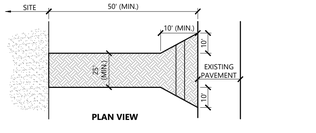


NOTES:

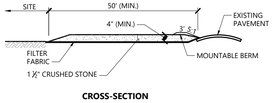
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
2. MC-4500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

Subsurface Detention/Infiltration System (StormTech MC-4500)

N.T.S. Source: StormTech



PLAN VIEW



CROSS-SECTION

NOTES

1. EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
3. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

Stabilized Construction Exit

1/16

N.T.S. Source: VHB LD_682

Saved Monday, February 14, 2022 1:11:22 PM EGERADE Plotted Monday, February 14, 2022 1:16:57 PM Eric Gerade

Planting Notes

1. ALL PROPOSED PLANTING LOCATIONS SHALL BE STAKED AS SHOWN ON THE PLANS FOR FIELD REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL BELOW GRADE AND ABOVE GROUND UTILITIES AND NOTIFY OWNERS REPRESENTATIVE OF CONFLICTS.
3. NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICT.
4. A 3-INCH DEEP MULCH PER SPECIFICATION SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS, AND IN ALL PLANTING BEDS, UNLESS OTHERWISE INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
5. ALL TREES SHALL BE BALLED AND BURLAPPED, UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATION, OR APPROVED BY THE OWNER'S REPRESENTATIVE.
6. FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLANT LIST AND PLANT LABELS PRIOR TO BIDDING.
7. ANY PROPOSED PLANT SUBSTITUTIONS MUST BE REVIEWED BY LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE.
8. ALL PLANT MATERIALS INSTALLED SHALL MEET THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND CONTRACT DOCUMENTS.
9. ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
10. AREAS DESIGNATED "LOAM & SEED" SHALL RECEIVE MINIMUM 6" OF LOAM AND SPECIFIED SEED MIX. LAWNS OVER 2:1 SLOPE SHALL BE PROTECTED WITH EROSION CONTROL FABRIC.
11. ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT DOCUMENTS SHALL BE LOAM AND SEEDED OR MULCHED AS DIRECTED BY OWNER'S REPRESENTATIVE.
12. THIS PLAN IS INTENDED FOR PLANTING PURPOSES. REFER TO SITE / CIVIL DRAWINGS FOR ALL OTHER SITE CONSTRUCTION INFORMATION.

Plant Maintenance Notes

1. CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWNS AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWNS AND PLANTINGS DURING THE ONE YEAR PLANT GUARANTEE PERIOD.
2. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
3. WATERING SHALL BE REQUIRED DURING THE GROWING SEASON, WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
4. WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
5. CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.

PLANT SCHEDULE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
AR	5	Acer rubrum	Red Maple	2 1/2 - 3" CAL.
CB	6	Carpinus betulus `Fastigiata`	Pyramidal European Hornbean	2 1/2 - 3" CAL.

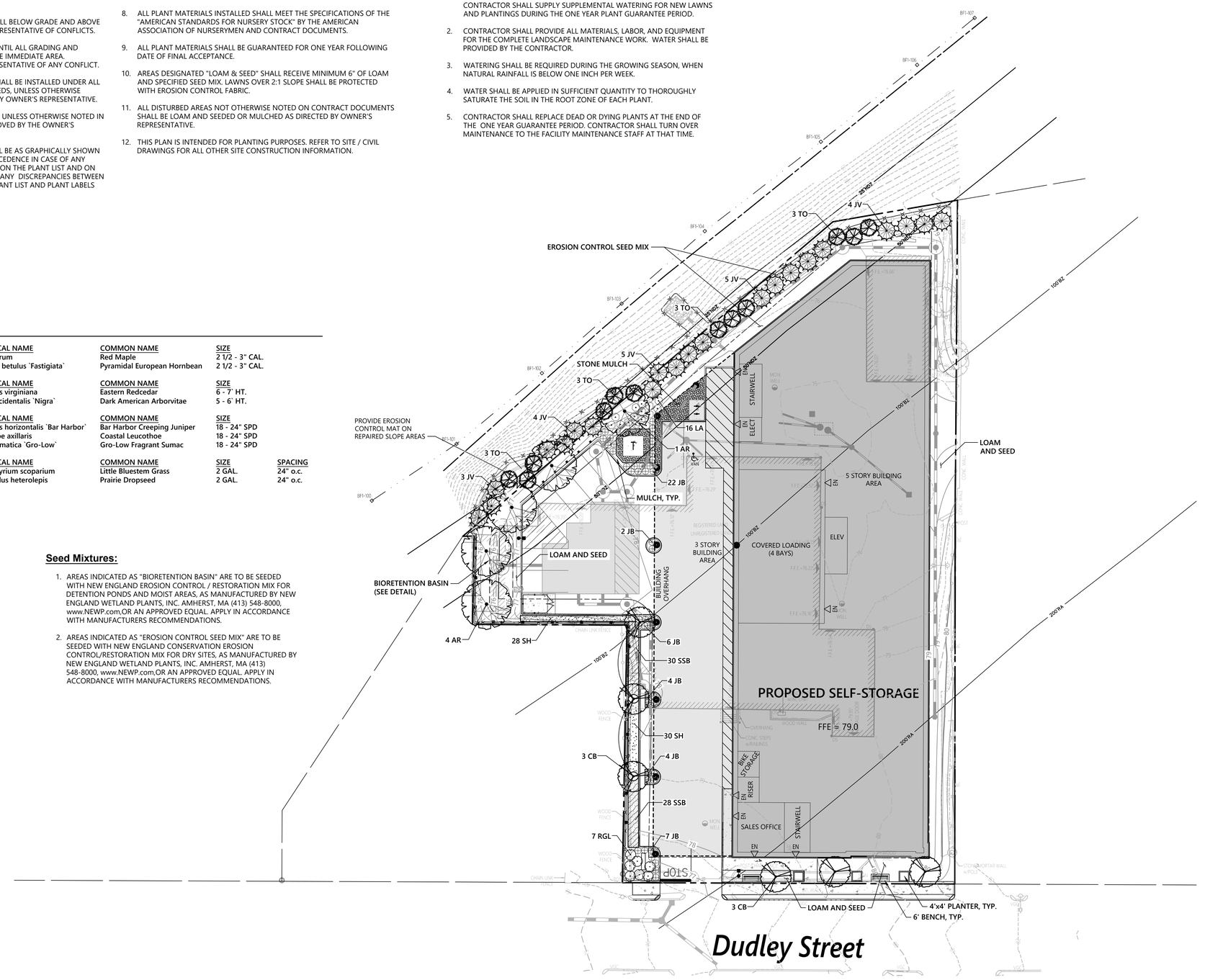
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
JV	21	Juniperus virginiana	Eastern Redcedar	6 - 7` HT.
TO	12	Thuja occidentalis `Nigra`	Dark American Arborvitae	5 - 6` HT.

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE
JB	45	Juniperus horizontalis `Bar Harbor`	Bar Harbor Creeping Juniper	18 - 24" SPD
LA	16	Leucothoe axillaris	Coastal Leucothoe	18 - 24" SPD
RGL	7	Rhus aromatica `Gro-Low`	Gro-Low Fragrant Sumac	18 - 24" SPD

ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
SSB	58	Schizachyrium scoparium	Little Bluestem Grass	2 GAL.	24" o.c.
SH	58	Sporobolus heterolepis	Prairie Dropseed	2 GAL.	24" o.c.

Seed Mixtures:

1. AREAS INDICATED AS "BIORETENTION BASIN" ARE TO BE SEEDED WITH NEW ENGLAND EROSION CONTROL / RESTORATION MIX FOR DETENTION PONDS AND MOIST AREAS, AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC. AMHERST, MA (413) 548-8000, www.NEWP.com,OR AN APPROVED EQUAL. APPLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. AREAS INDICATED AS "EROSION CONTROL SEED MIX" ARE TO BE SEEDED WITH NEW ENGLAND CONSERVATION EROSION CONTROL/RESTORATION MIX FOR DRY SITES, AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC. AMHERST, MA (413) 548-8000, www.NEWP.com,OR AN APPROVED EQUAL. APPLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.



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Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by SJH | Checked by EKG

Issued for: Local Approvals | Date: February 9, 2022

Not Approved for Construction

Drawing Title: Planting Plan

Drawing Number: L1.01

Sheet 9 of 10

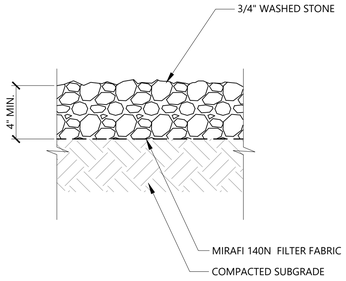
Project Number: 52816.00

MASSACHUSETTS ERIK BEDNARCZYK REGISTERED LANDSCAPE ARCHITECT NO. 1508

2/9/2022

Saved Tuesday, February 8, 2022 3:35:37 PM WHAGEN Plotted Monday, February 14, 2022 9:59:59 AM Win Hagen

\\vhb\gbl\proj\Bedford\52816.00 Arlington Self-Storage\cad\ld\Planset\52816.00-LA.dwg



NOTES

1. EDGE CONDITIONS VARIES. WHERE STONE MUCH DOES NOT ABUT CURB OR BUILDING FACE PROVIDE 12" LONG STEEL EDGING

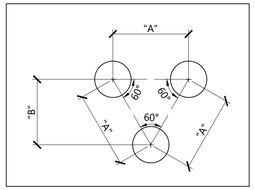
Stone Mulch

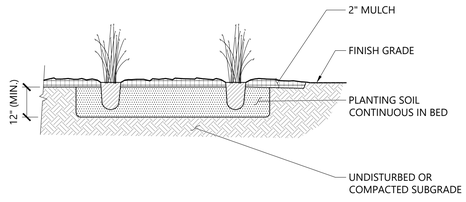
11/15

N.T.S. Source: VHB LD_

PLANT SPACING

PLANT SPACING("A")	ROW SPACING ("B")
6 IN. O.C.	5 IN. O.C.
8 IN. O.C.	7 IN. O.C.
10 IN. O.C.	8 ½ IN. O.C.
12 IN. O.C.	10 ½ IN. O.C.
15 IN. O.C.	13 IN. O.C.
18 IN. O.C.	16 IN. O.C.
24 IN. O.C.	21 IN. O.C.
30 IN. O.C.	26 IN. O.C.
36 IN. O.C.	30 IN. O.C.
48 IN. O.C.	42 IN. O.C.
54 IN. O.C.	48 IN. O.C.
60 IN. O.C.	54 IN. O.C.

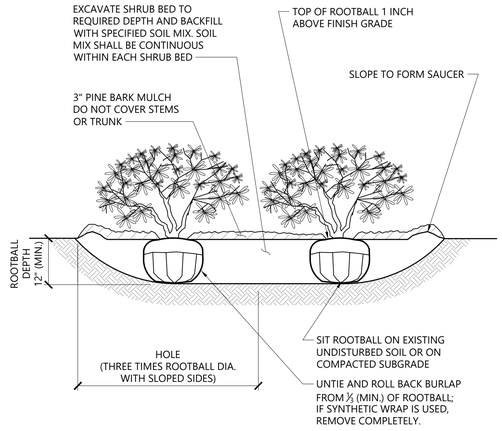




Perennial and Ornamental Grass Planting

1/16

N.T.S. Source: VHB LD_618



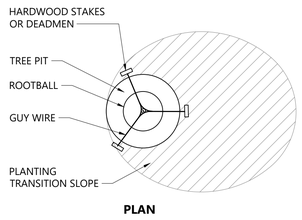
NOTES

1. LOOSEN ROOTS AT THE OUTER EDGE OF ROOTBALL OF CONTAINER GROWN SHRUBS.

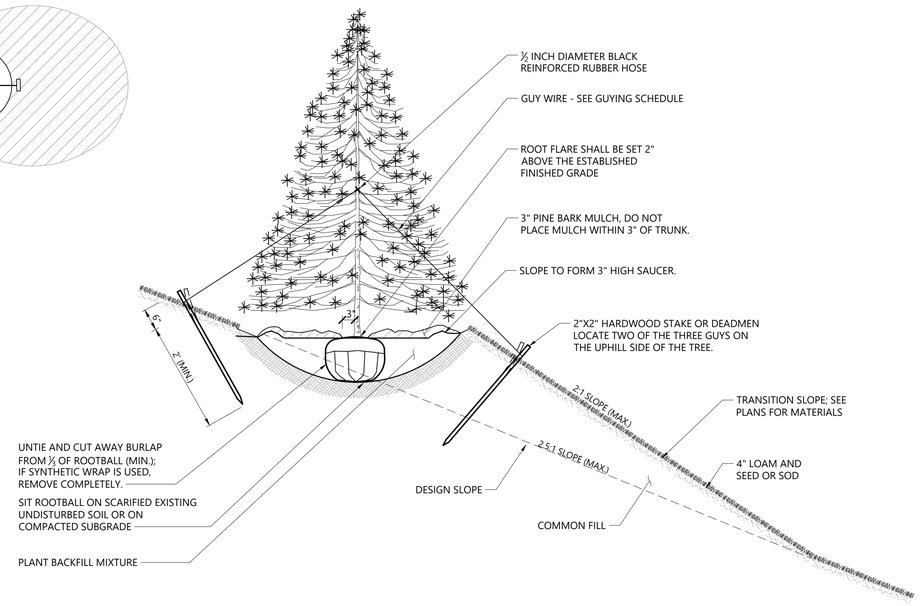
Shrub Bed Planting

1/16

N.T.S. Source: VHB LD_601



PLAN



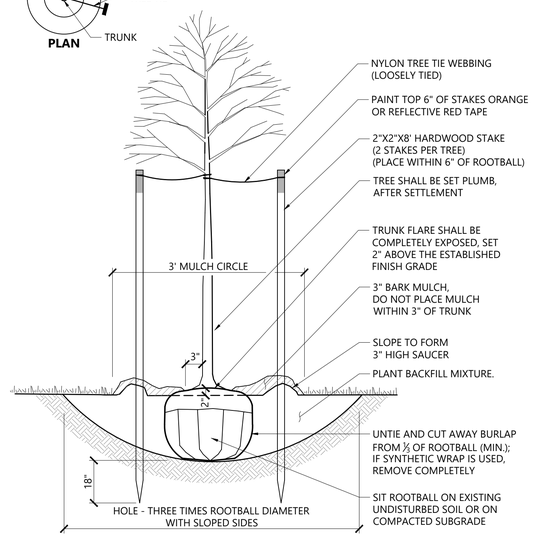
Tree Planting on Slope

1/16

N.T.S. Source: VHB LD_605



PLAN



Tree Planting (For Trees Under 4" Caliper)

9/21

N.T.S. Source: VHB LD_602

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Proposed Self-Storage Facility

34 Dudley St
Arlington, Massachusetts 02476

No.	Revision	Date	Appvd.

Designed by SJH — Checked by EKG

Issued for: Local Approvals — Date: February 9, 2022

Not Approved for Construction

Drawing Title: Planting Details

Drawing Number: L2.01

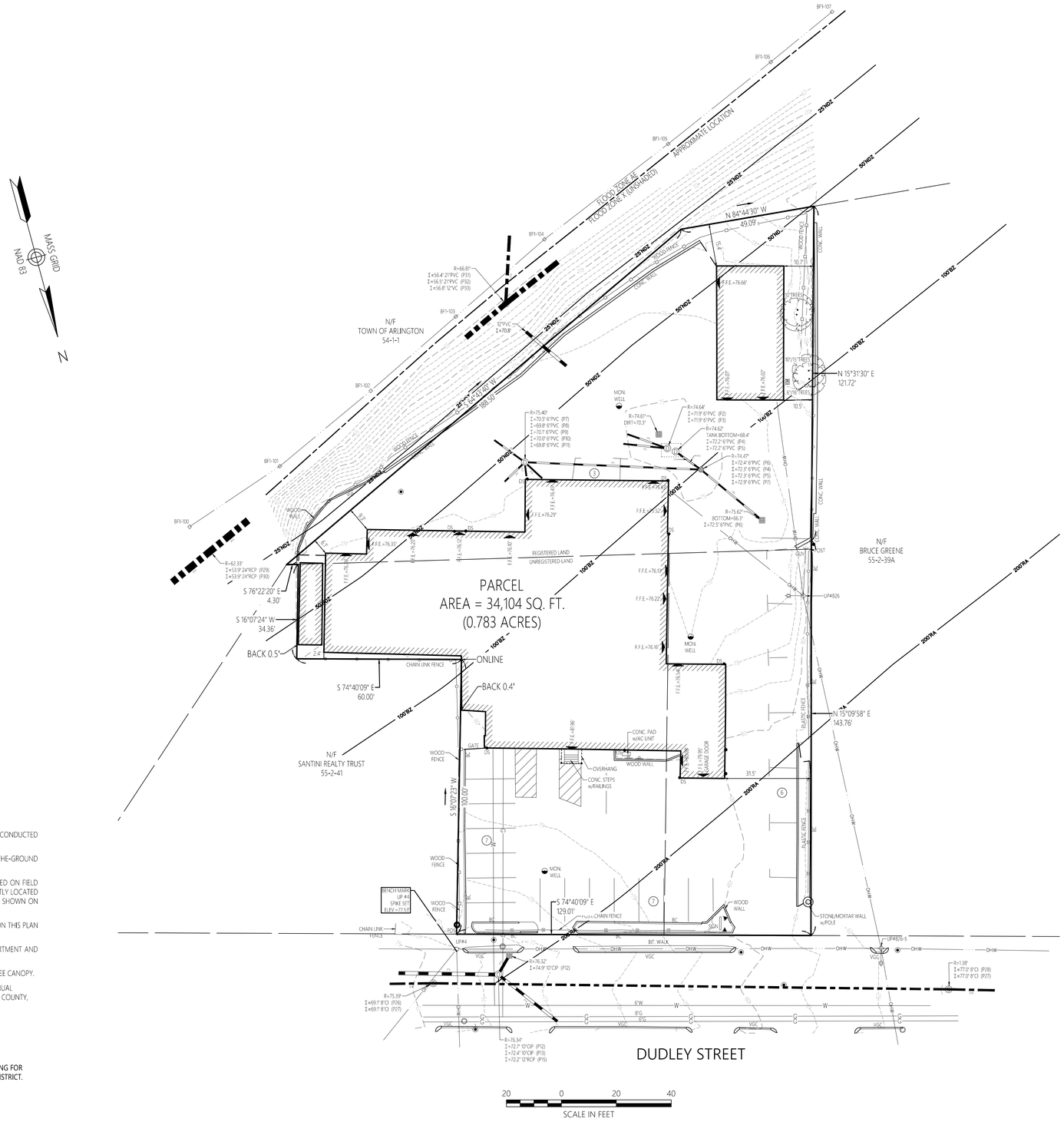
Sheet 10 of 10

Project Number: 52816.00

COMMONWEALTH OF MASSACHUSETTS ERIK BEDNARZ NO. 1508 REGISTERED LANDSCAPE ARCHITECT 2/9/2022

Saved Tuesday, February 8, 2022 10:57:43 AM VHAGEN Plotted Tuesday, February 8, 2022 3:35:14 PM Win Hagen

\\vhb.com\gbl\proj\Bedford\52816.00 Arlington Self-Storage\cad\sr\planset\52816.00-EXIST-signed 2-7-2022 DO NOT USE.dwg



General Notes

1) THE PROPERTY LINES SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN OCTOBER, 2021 AND FROM DEEDS AND PLANS OF RECORD.
2) THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY VHB, INC. IN OCTOBER, 2021.
3) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
4) HORIZONTAL DATUM IS BASED ON MASS. GRID SYSTEM, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO NAVD OF 1988.
5) THE WETLANDS SHOWN ON THIS PLAN WERE FLAGGED BY VHB ENVIRONMENTAL DEPARTMENT AND FIELD SURVEYED BY VHB IN OCTOBER, 2021.
6) THE TREE SYMBOL OUTLINE SHOWN ON THIS PLAN DOES NOT REPRESENT THE ACTUAL TREE CANOPY.
7) THE LOT LIES ENTIRELY WITHIN ZONE X (UNSHADED) (AREAS TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE FLOOD INSURANCE RATE MAP FOR MIDDLESEX COUNTY, MASSACHUSETTS, MAP NUMBER 25017C0416E, EFFECTIVE DATE JUNE 4, 2010.

Zoning

THE LOT LIES ENTIRELY WITHIN THE INDUSTRIAL DISTRICT (I) AS SHOWN ON GIS MAPPING FOR THE TOWN OF ARLINGTON MASSACHUSETTS" AND THE INLAND WETLAND OVERLAY DISTRICT. DIMENSIONAL REQUIREMENTS FOR A (I) AT THE TIME OF THIS SURVEY ARE:

	REQUIRED	EXISTING
MINIMUM LOT AREA	N/A	34,104 S.F
MINIMUM FRONTAGE	N/A	129.01 FEET
MINIMUM FRONT YARD SETBACK	10 FEET	57.0 FEET
MINIMUM SIDE YARD SETBACK	10 FEET	0.0 FEET
MINIMUM REAR YARD SETBACK	10 FEET	6.1 FEET
MAXIMUM BUILDING HEIGHT	65*/39 FEET	23.8 FEET

*SUBJECT TO AMENITY REQUIREMENTS IN SECTION 5.6.2 D(7)

Saved Monday, February 7, 2022 9:14:56 AM RBOUSQUET Plotted Monday, February 7, 2022 9:15:43 AM Russell Bousquet

vhb.com
vhb
101 Walnut Street
PO Box 9151
Watertown, MA 02471
617.924.1770

Legend

- DRAIN MANHOLE
- CATCH BASIN
- SEWER MANHOLE
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- MANHOLE
- HH HAND HOLE
- WATER GATE
- FIRE HYDRANT
- GAS GATE
- BOLLARD w/LIGHT
- STREET SIGN
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY WIRE
- MONITORING WELL
- FLOOD LIGHT
- W WELL
- MARSH
- F.F.E.=45.27' FINISHED FLOOR ELEVATION
- CNO COULD NOT OPEN
- NPV NO PIPES VISIBLE
- DYL DOUBLE YELLOW LINE
- DWL DASHED WHITE LINE
- SYL SINGLE YELLOW LINE
- LSA LANDSCAPED AREA
- EOP EDGE OF PAVEMENT
- CC CONCRETE CURB
- VGC VERTICAL GRANITE CURB
- SGE SLOPED GRANITE EDGE
- BB BITUMINOUS BERM
- BC BITUMINOUS CURB
- GUARD RAIL
- CHAIN LINK FENCE
- DRAINAGE LINE
- SEWER LINE
- OHW OVERHEAD WIRE
- E UNDERGROUND ELECTRIC
- T TELEPHONE LINE
- G GAS LINE
- W WATER LINE
- STONE WALL
- TREE LINE
- 100'BZ 100-FT BUFFER ZONE
- 100'RA 100-FT RIVER FRONT AREA
- 200'RA 200-FT RIVER FRONT AREA
- 301'±100 LIMIT MEAN ANNUAL HIGH WATER
- BF1=100 LIMIT OF BANK
- WF1=100 VEGETATED WETLAND BOUNDARY

Self-Storage

34 Dudley Street
Arlington, Massachusetts

No.	Revision	Date	Appvd.

Designed by | Checked by

Issued for | Date

October 28, 2021

Drawing Title
Existing Conditions Plan of Land

Drawing Number
Sv-1

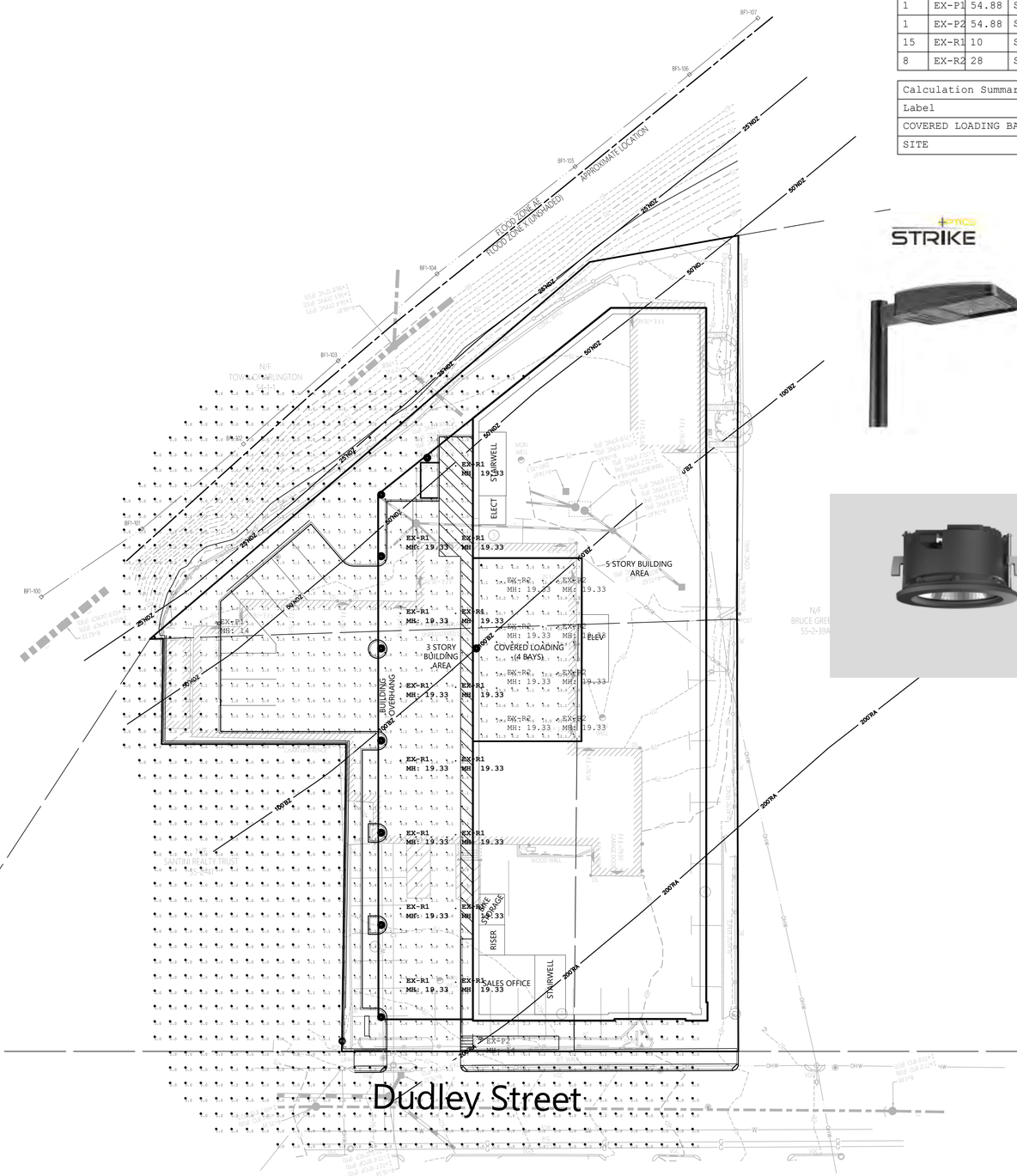
Sheet 1 of 1

Project Number
52816.00

COMMONWEALTH OF MASSACHUSETTS
RUSSELL J. BOUSQUET
NO. 35389
REGISTERED PROFESSIONAL LAND SURVEYOR
2-7-2022

Luminaire Schedule					
Qty	Label	Lum. Watts	Arrangement	LLF	Description
1	EX-P1	54.88	SINGLE	0.900	VP-S-24L-55-4K7-4-BC
1	EX-P2	54.88	SINGLE	0.900	VP-S-24L-55-4K7-3-BC
15	EX-R1	10	SINGLE	0.900	24823_BEGA_IES
8	EX-R2	28	SINGLE	0.900	24827_BEGA

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
COVERED LOADING BAYS	Fc	9.58	22.4	3.1	3.09	7.23
SITE	Fc	0.71	7.2	0.0	N.A.	N.A.



DUDLEY STREET

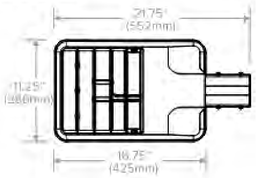
STRIKE

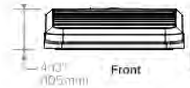
VIPER S

SMALL VIPER LUMINAIRE

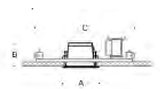
CATALOG #:

DIMENSIONS





Weight	15.0 lbs (6.8 kg)
EPA	.67 ft²

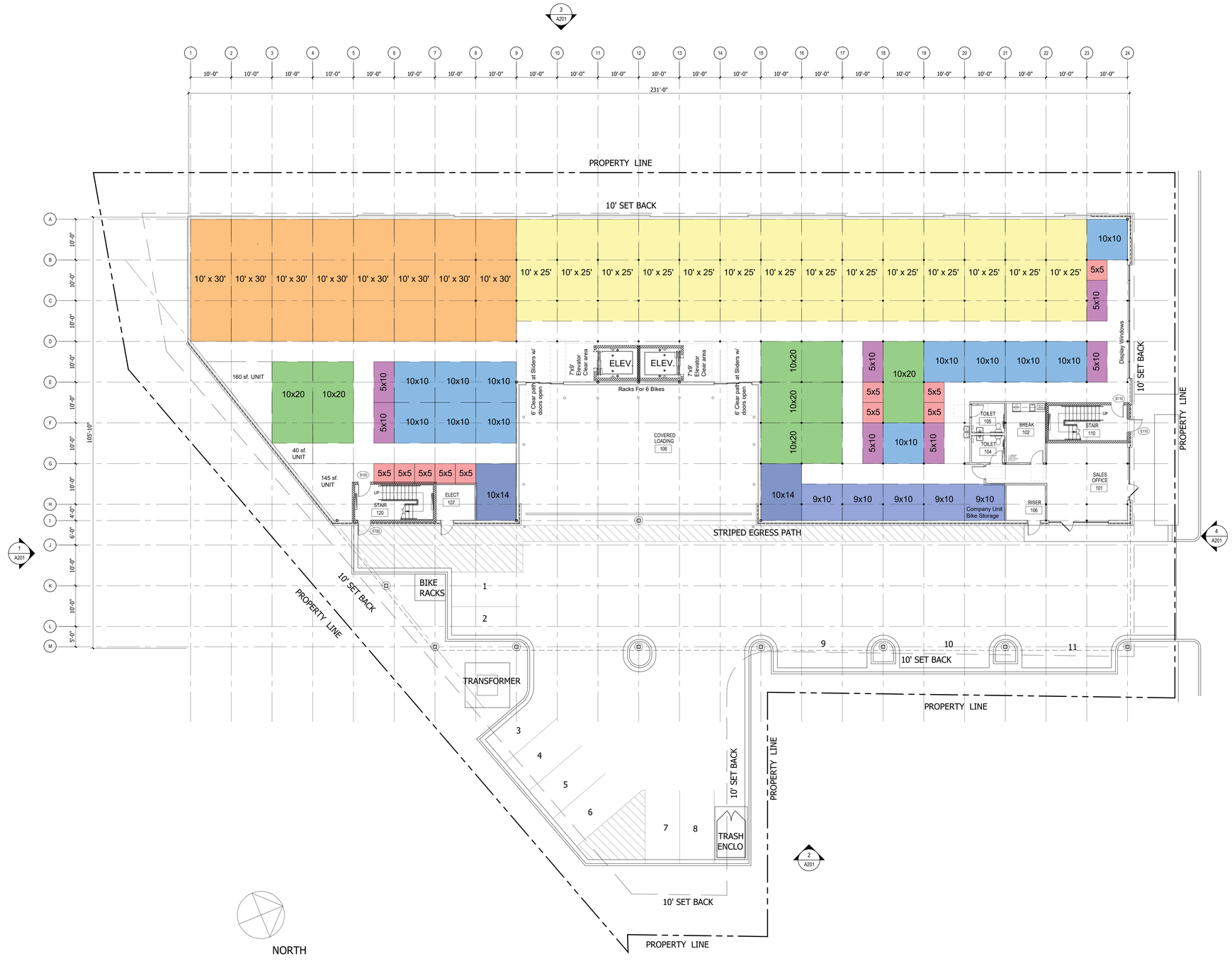


LED recessed ceiling downlights - wide beam

	LED	β	A	B	C
24827	24.5W	29°	6 ½	5"	18

β = Beam angle

Project: Arlington Self Storage - 34 Dudley Street - Site	
Contact: Paul Abdella, Specification Sales, (781) 272-2300 X208, pabdella@omnilite.com	Detail: Photometric Calculation Date: 02/09/2022 Revision: 2 Scale: 1" = 20'-0" Drawn By: SHJ
illuminate, 44 Sixth Road, Woburn, MA 01801, (781) 935-8500; 333 Pleasant Valley Road, South Windsor, CT 06074, (860) 282-0597	Drawing Number: SL-1 Sheet 1 of 1



1st. FLOOR GROSS
13,677 sq.ft. - Storage
852 sq.ft. - Office
14,529 sq. ft TOTAL

BUILDING GROSS
94,854 sq.ft. - Storage
852 sq.ft. - Office
95,706 sq. ft TOTAL

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mint hill, nc 28227
704-578-2851

PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT IAN MICHAEL BRAY No. 953114 MINT HILL NC COMMONWEALTH OF MASSACHUSETTS
02/09/22

Local Approvals Submission
February 09, 2022

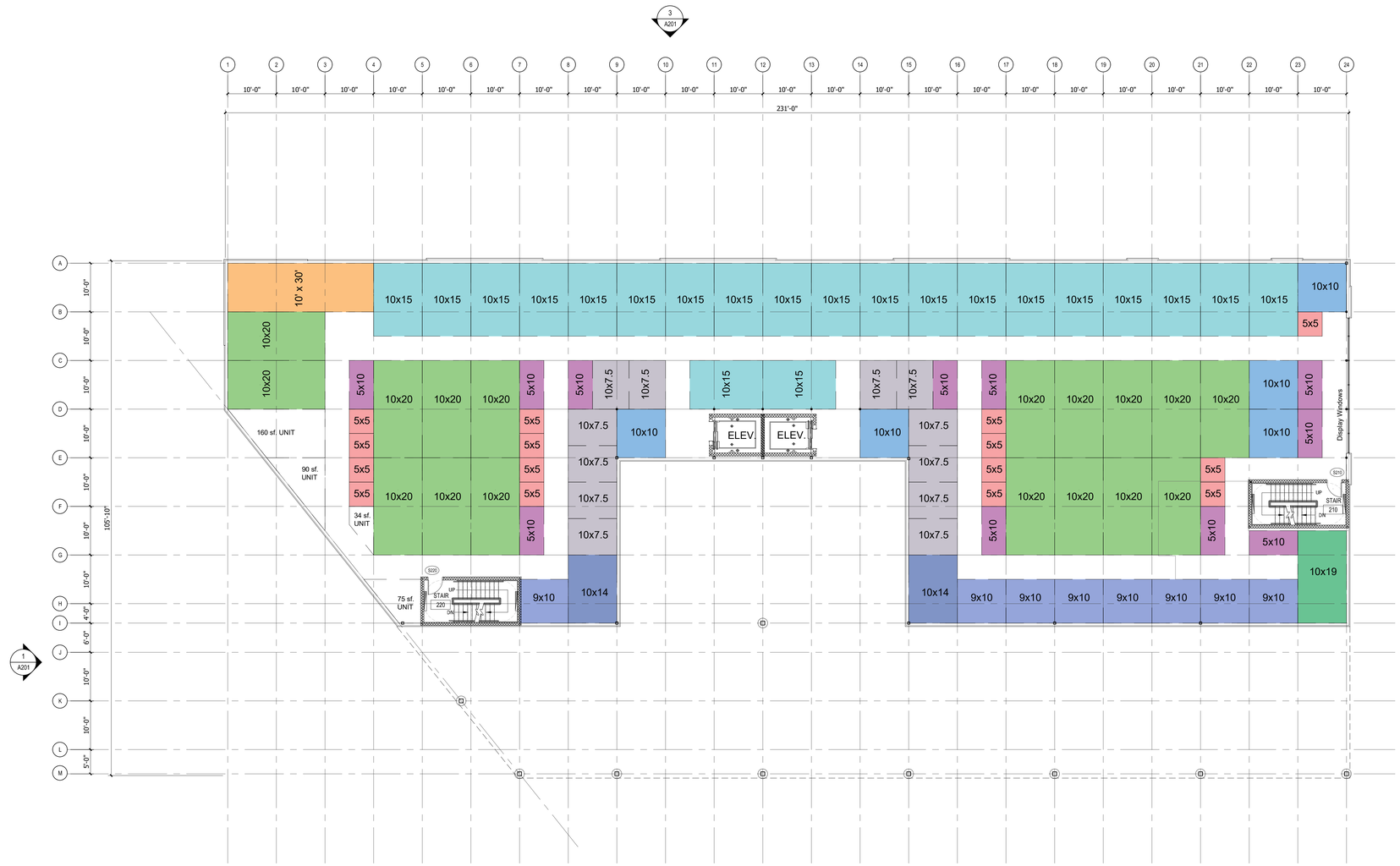
REVISIONS

No.	Description	Date

1st. FLOOR PLAN

A-101

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2nd. FLOOR GROSS
14,529 sq. ft TOTAL

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PREMIER
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SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT
JAY MICHAEL PARKER
No. 953114
MINT HILL
NC
COMMONWEALTH OF MASSACHUSETTS

02/09/22

Local Approvals Submission
February 09, 2022

REVISIONS

No.	Description	Date

2nd. FLOOR PLAN

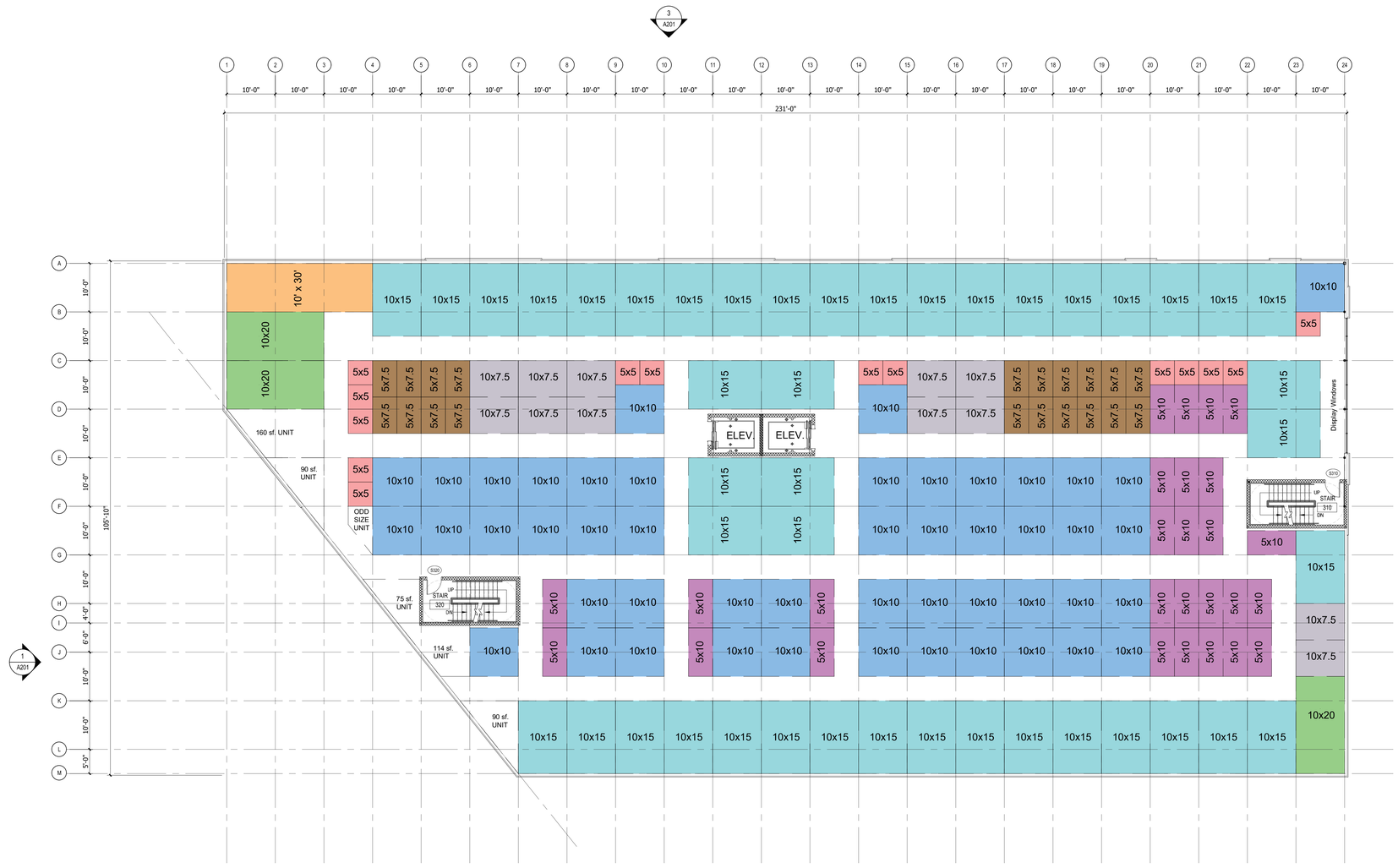
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3rd. FLOOR GROSS
22,216 sq. ft TOTAL



PREMIER STORAGE INVESTORS
SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

JAN MICHAEL BIRT
REGISTERED ARCHITECT
No. 953114
MINT HILL, NC
COMMONWEALTH OF MASSACHUSETTS
02/09/22

Local Approvals Submission
February 09, 2022

REVISIONS

No.	Description	Date

3rd. FLOOR PLAN

A-103

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4th. FLOOR GROSS
22,216 sq. ft TOTAL



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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

JAN MICHAEL BIRD REGISTERED ARCHITECT No. 953114 MINT HILL, NC COMMONWEALTH OF MASSACHUSETTS
02/09/22

Local Approvals Submission
February 09, 2022

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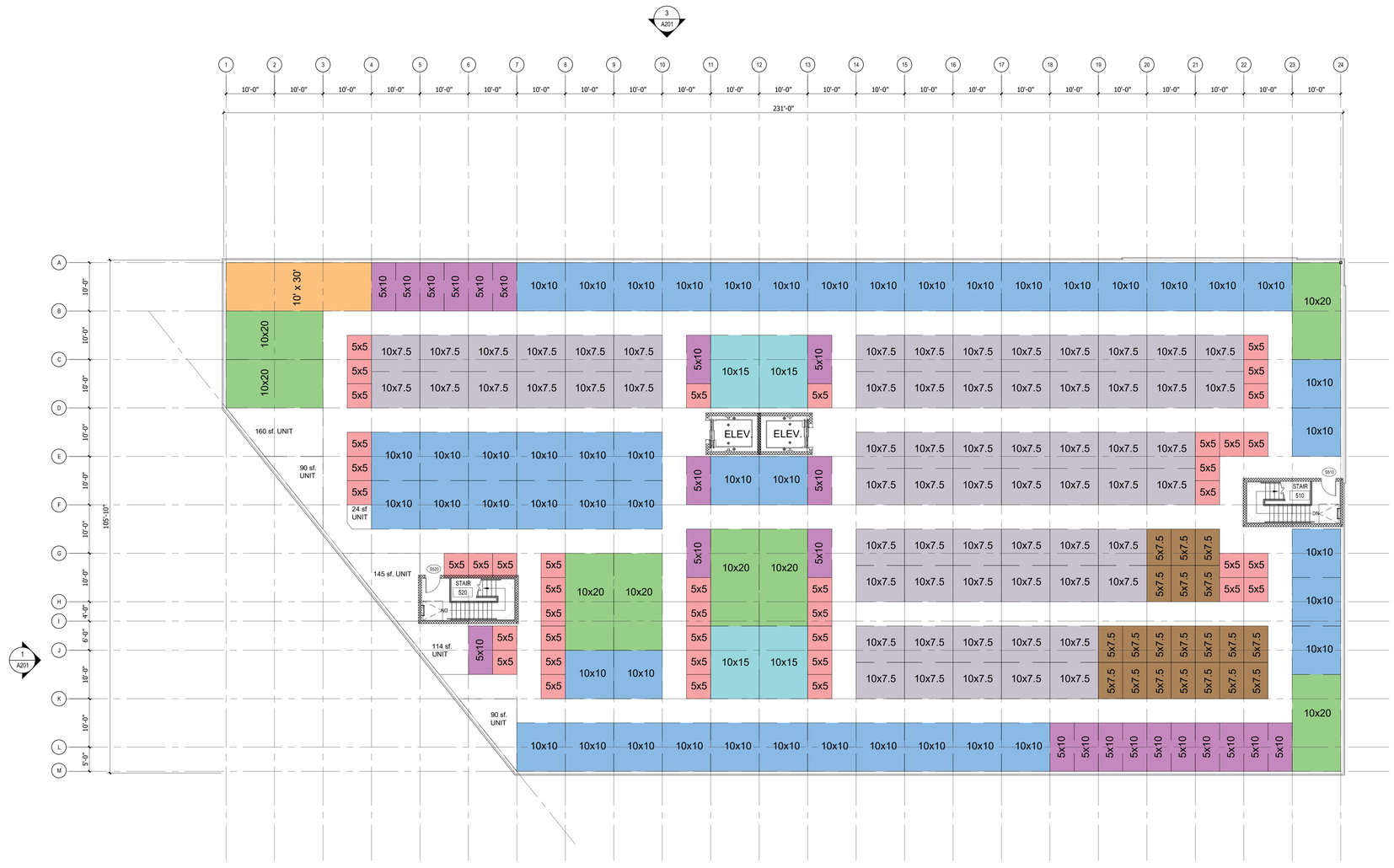
4th. FLOOR PLAN

A-104

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ARLINGTON, MASSACHUSETTS
Project No. 21-033

JAN MICHAEL BAYER — REGISTERED ARCHITECT — No. 95314 MINT HILL, NC — COMMONWEALTH OF MASSACHUSETTS

02/09/22

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February 09, 2022

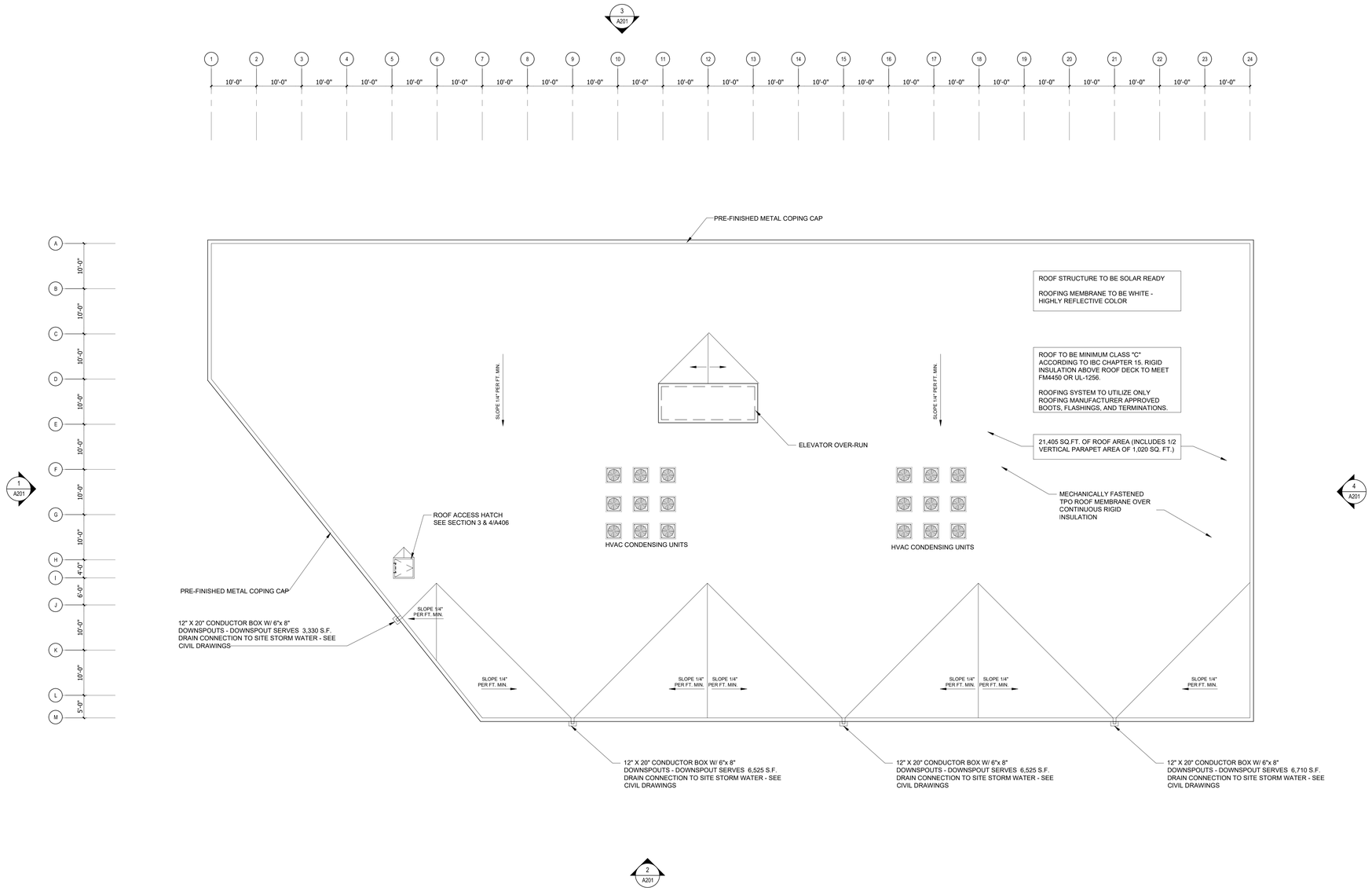
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No.	Description	Date

5th. FLOOR PLAN

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SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT
JAN MICHAEL BAYER
No. 953114
MINT HILL, NC
COMMONWEALTH OF MASSACHUSETTS

02/09/22

Local Approvals Submission
February 09, 2022

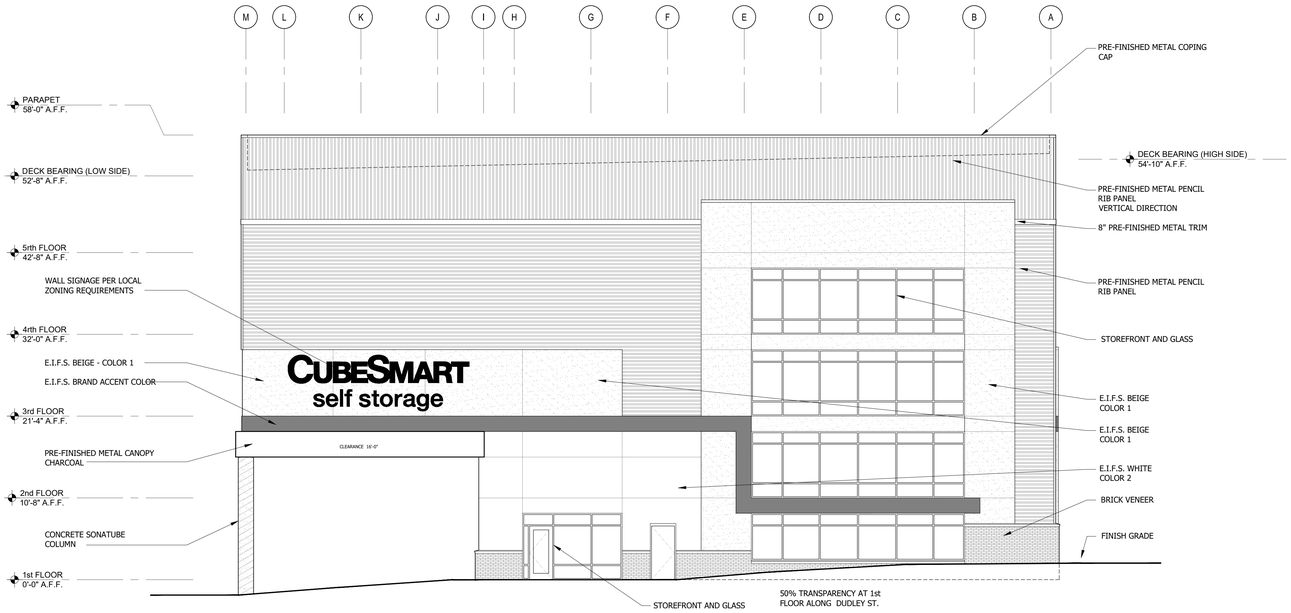
REVISIONS

No.	Description	Date

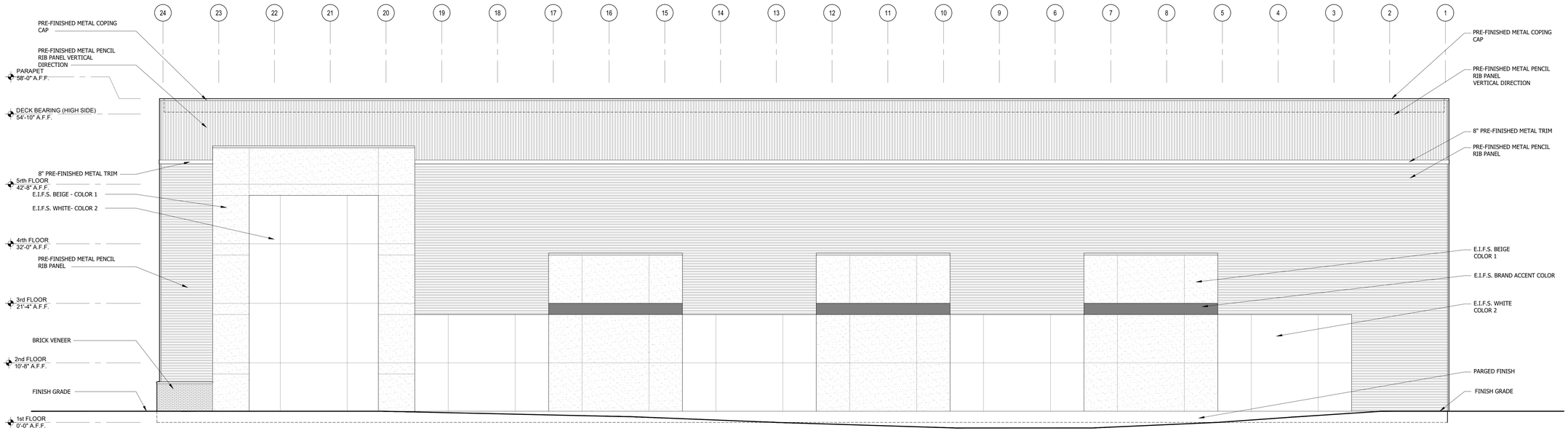
ROOF PLAN

A-106

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2 ELEVATION - NORTH — scale: 1/8"=1'-0"



1 ELEVATION - WEST — scale: 1/8"=1'-0"

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PREMIER STORAGE INVESTORS

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ARLINGTON, MASSACHUSETTS
Project No. 21-033

COMMONWEALTH OF MASSACHUSETTS
JAY MICHAEL SEITZ
REGISTERED ARCHITECT
No. 953114
MINT HILL
NC

02/09/22

Local Approvals Submission
February 09, 2022

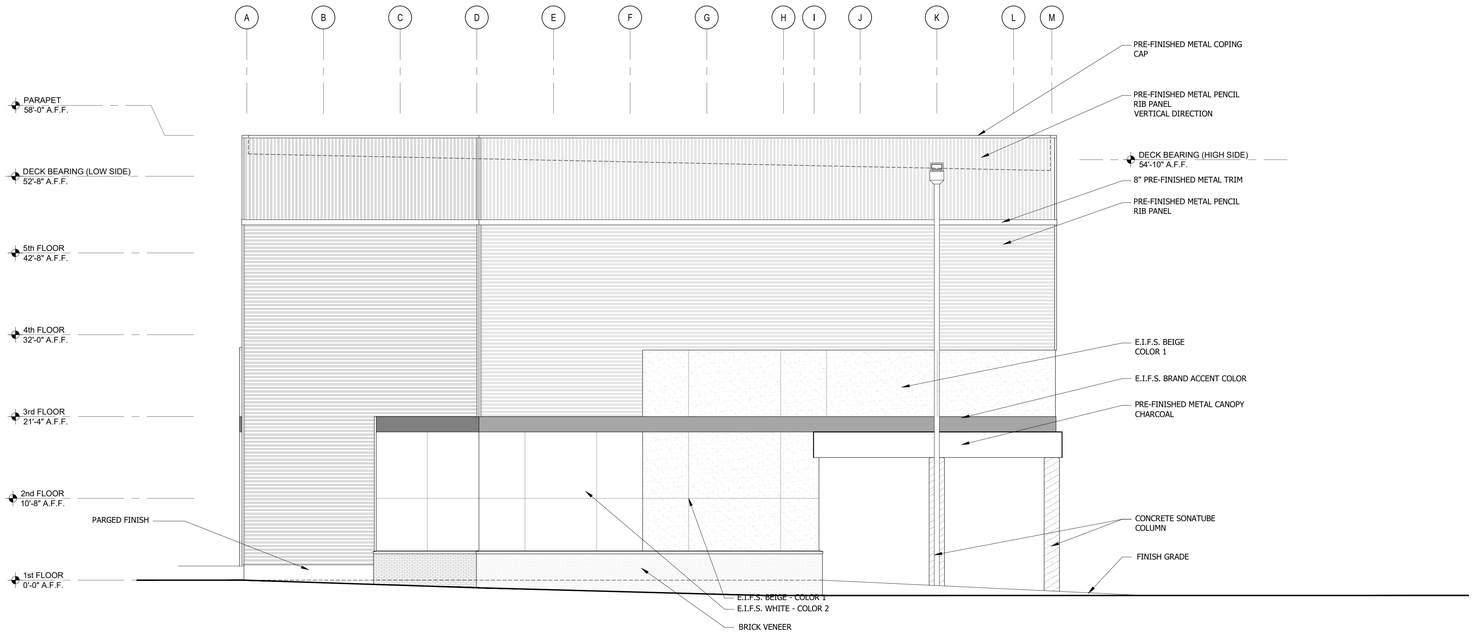
REVISIONS

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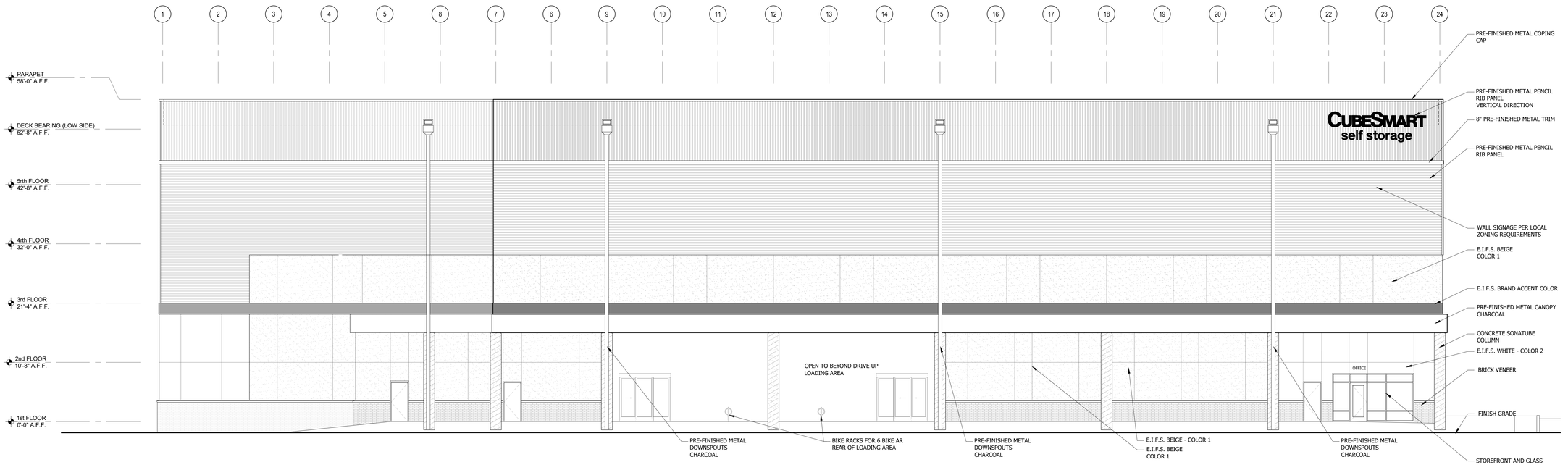
EXTERIOR ELEVATIONS

A-201

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2 ELEVATION - SOUTH — scale: 1/8"=1'-0"



1 ELEVATION - EAST — scale: 1/8"=1'-0"

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PREMIER STORAGE INVESTORS

SELF STORAGE

ARLINGTON, MASSACHUSETTS
Project No. 21-033

REGISTERED ARCHITECT — JAY MICHAEL BRETT PARKER — No. 36511 — MINT HILL, NC — COMMONWEALTH OF MASSACHUSETTS

02/09/22

Local Approvals Submission
February 09, 2022

REVISIONS

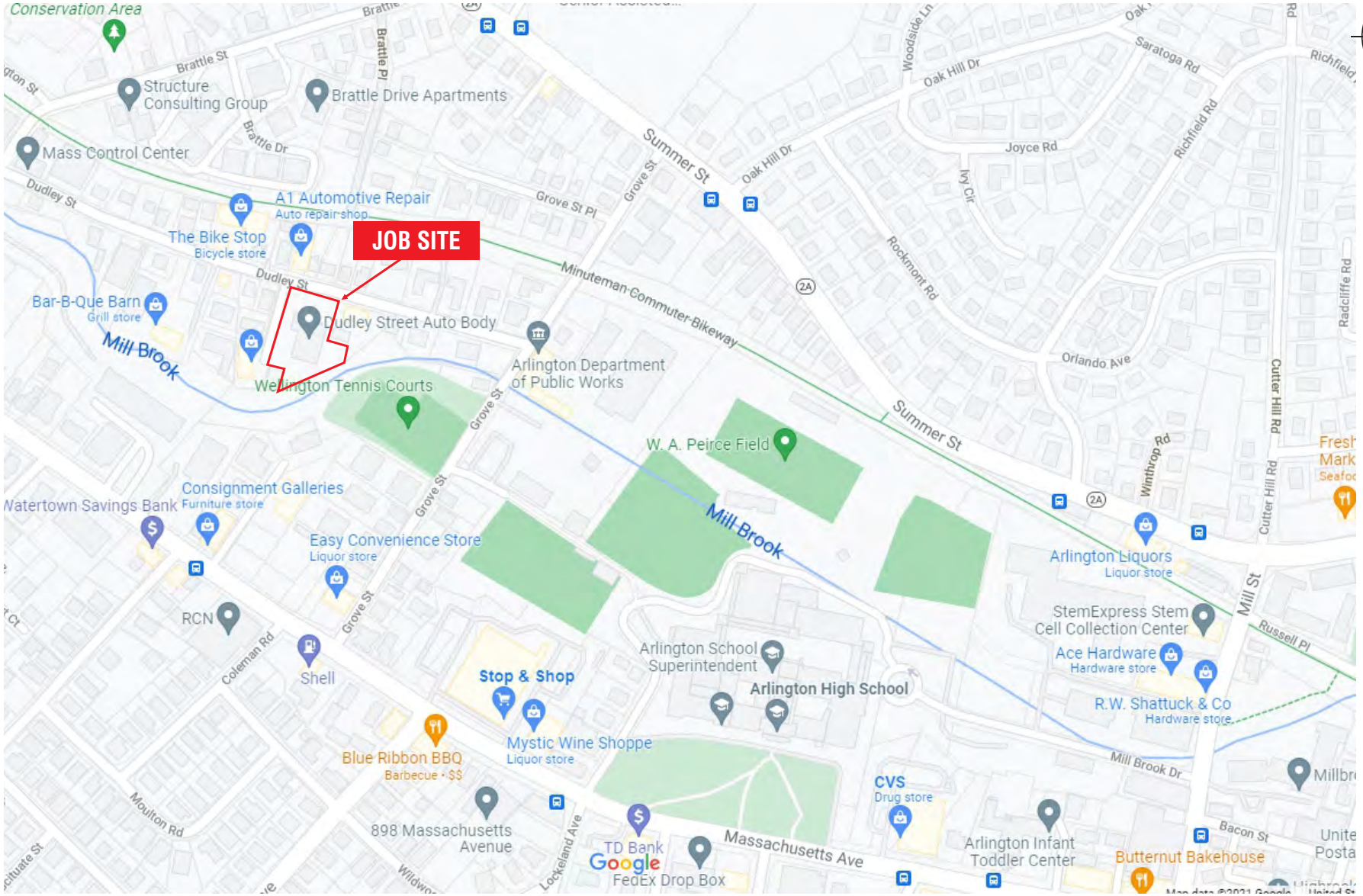
No.	Description	Date

EXTERIOR ELEVATIONS

A-202

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Aerial View



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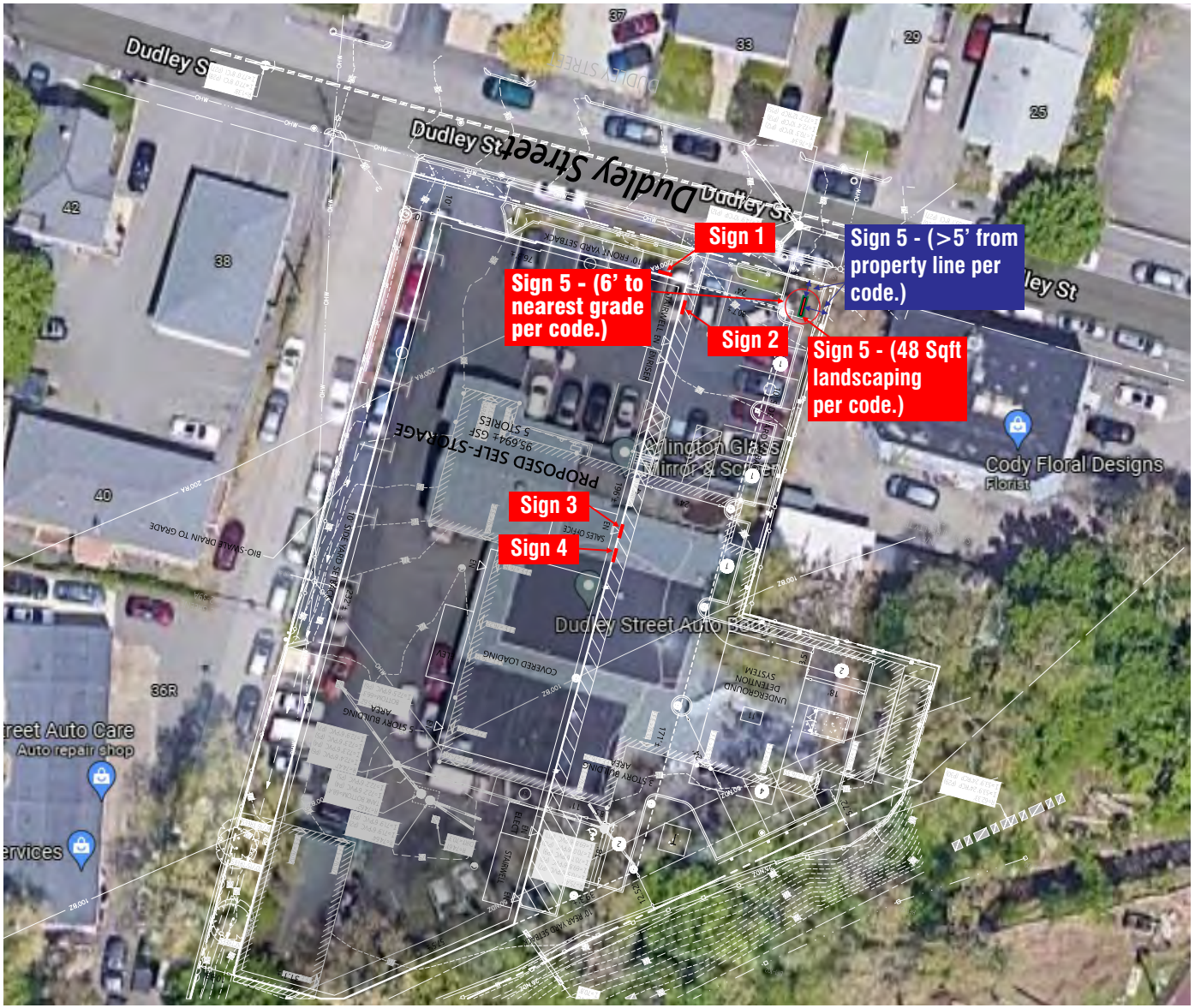
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(800) 927-4555 • Fax (310) 380-7451
GEORGIA
1640 Sands Place SE Suite A / Marietta, GA 30067
Toll Free: (877) 367-3576 • Fax (770) 952-4710

REVISIONS

NO.	COMMENTS	DATE
A	Changed Sign 1 & 2 size and Sign 2 position-dw	01/10/22

Client **CubeSmart Self Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **1** of **11**
Drawn By: **DW** Date **12/20/2021**
Approved By: Date

Aerial View/Site View



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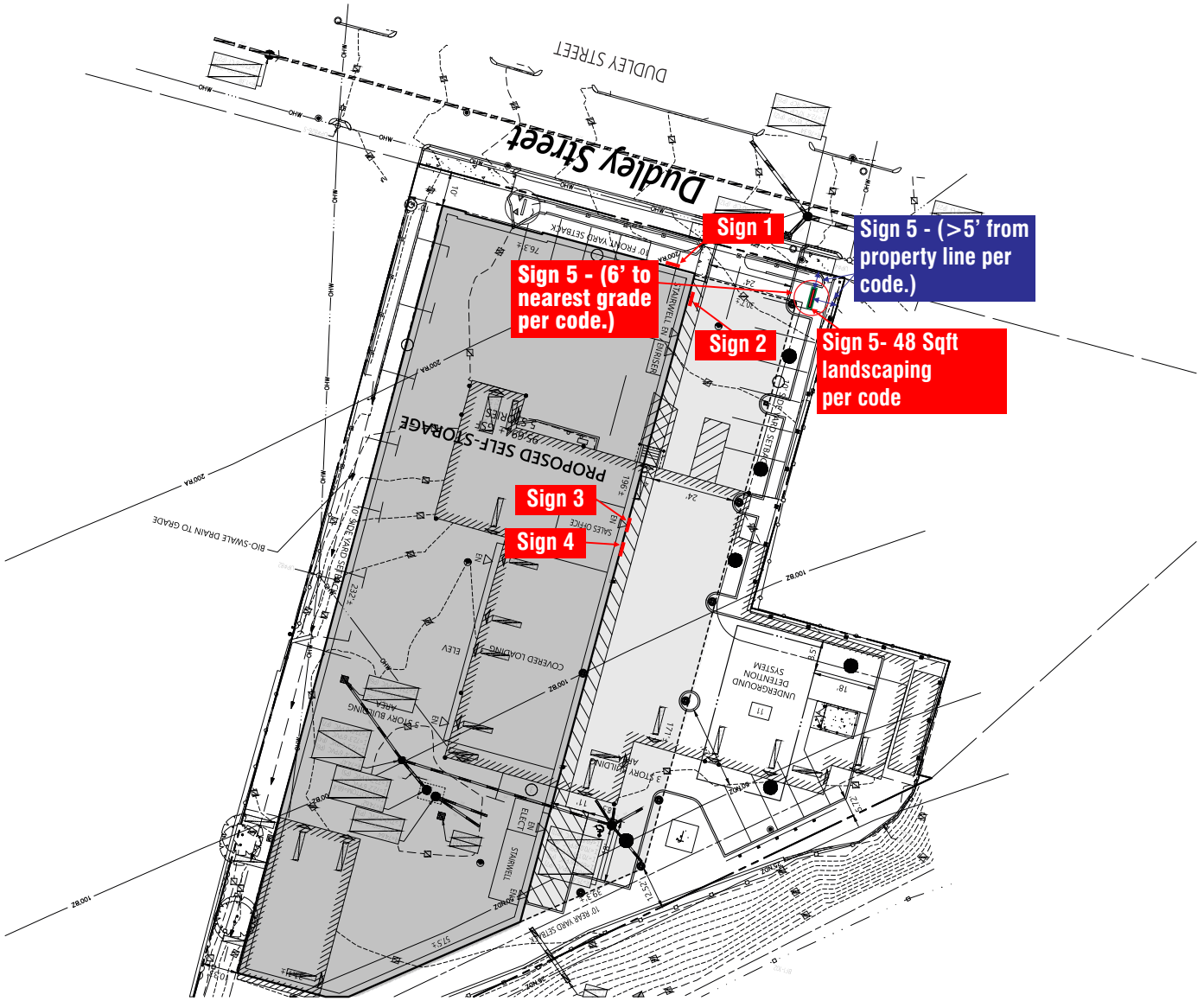
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GEORGIA
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REVISIONS

NO.	COMMENTS	DATE
A	Changed Sign 1 & 2 size and Sign 2 position-dw	01/10/22

Client CubeSmart Self Storage
Address 34 Dudley St, Arlington, MA 02476
Design No. 66665 Store No.
Scale: AS NOTED Sheet 2 of 11
Drawn By: DW Date 12/20/2021
Approved By: Date

Site View



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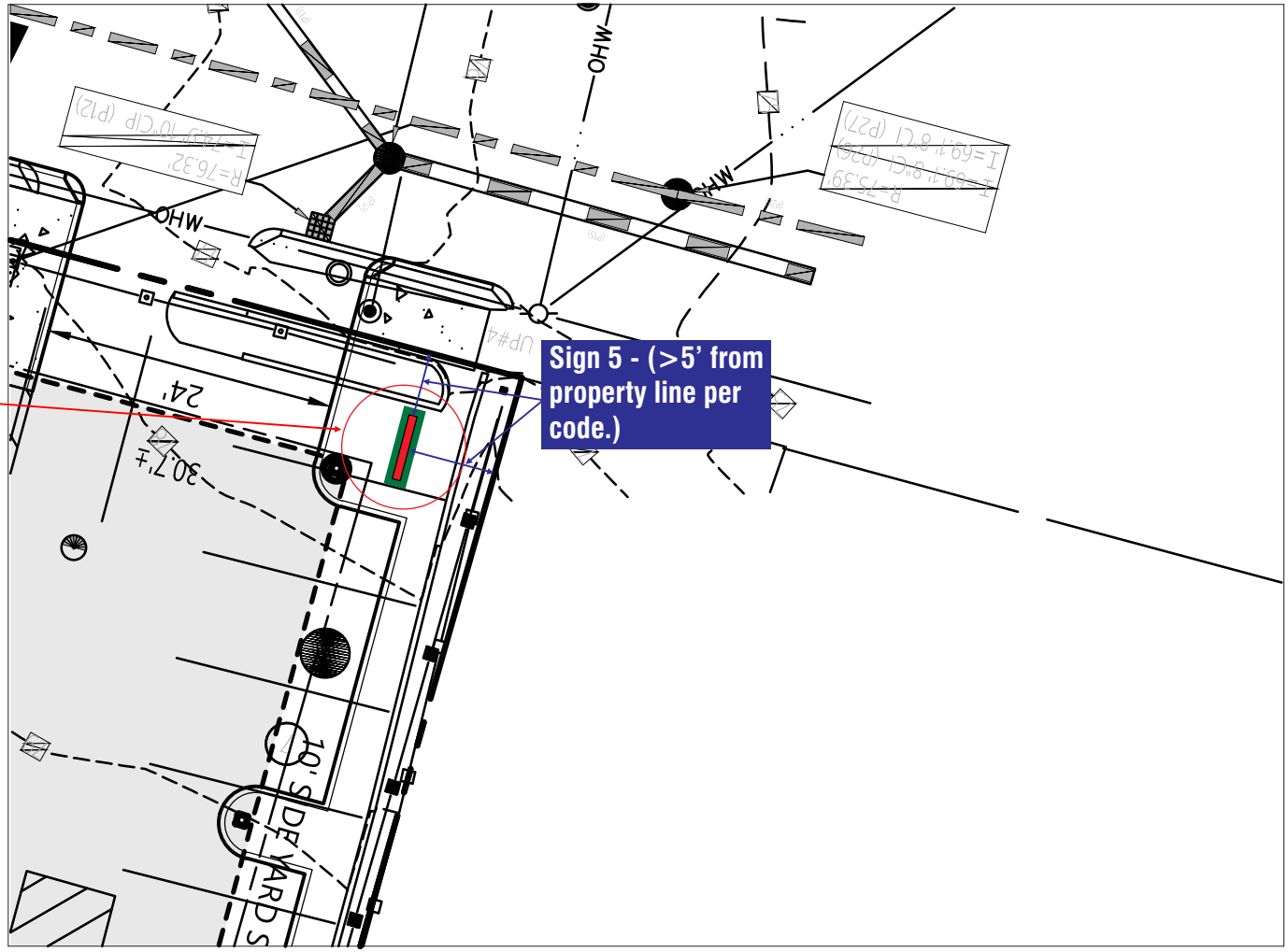
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REVISIONS

NO.	COMMENTS	DATE
A	Changed Sign 1 & 2 size and Sign 2 position-dw	01/10/22

Client **CubeSmart Self Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **3** of **11**
Drawn By: **DW** Date **12/20/2021**
1386 of 1740
Approved By: Date

Enlarged Site Detail - Landescaping



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REVISIONS		
NO.	COMMENTS	DATE
A	Changed Sign 1 & 2 size and Sign 2 position-dw	01/10/22

Client **CubeSmart Self Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **4** of **11**
Drawn By: **DW** Date **12/20/2021**
Approved By: Date

Sign 1 - North Elevation

Field Verify Sign Area & Dimensions.

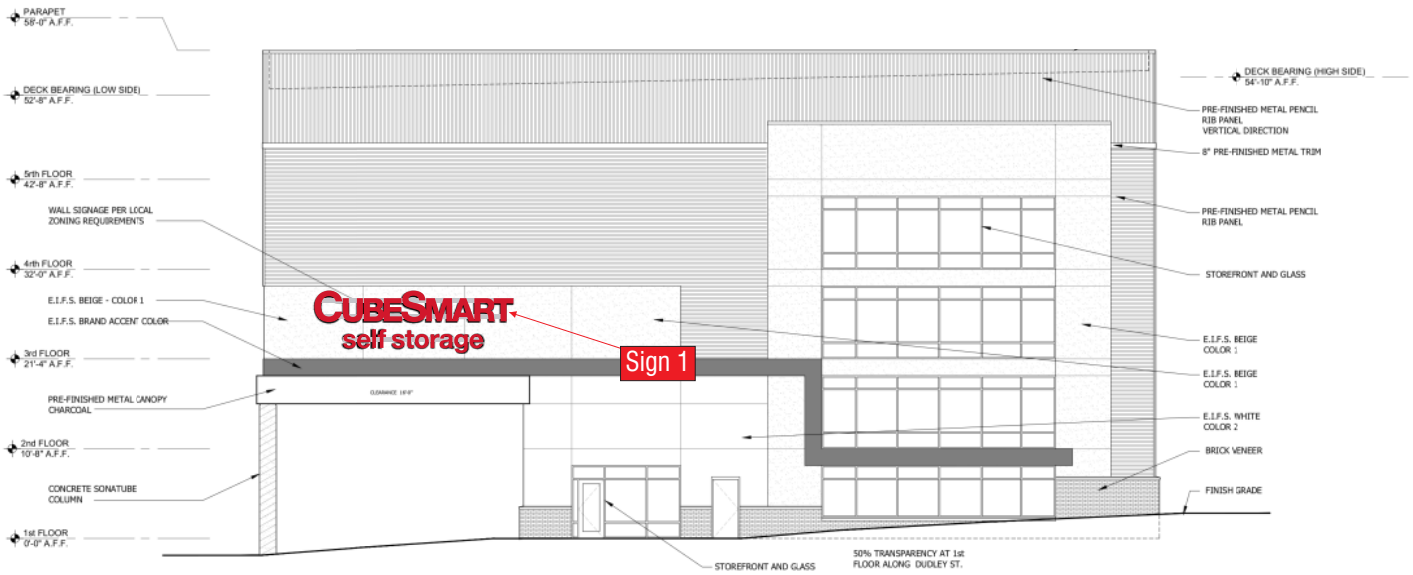
New channel letters, raceway mounted.

LED illuminated channel letters with CS red acrylic faces.
Raceways to match wall color.
Qty-1.
Scale: 3/16”
Sq Ft: 180

COLOR SPECIFICATIONS:

CS Red	CS Red	Raceways
Acrylic	standard returns standard trim cap	match wall color





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REVISIONS

NO.	COMMENTS	DATE
A	Changed Sign 1 & 2 size and Sign 2 position-dw	01/10/22

Client **CubeSmart Self Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **5** of **11**
Drawn By: **DW** Date **12/20/2021**
1388 of 1740
Approved By: Date

Sign 2 - East Elevation

Field Verify Sign Area & Dimensions.

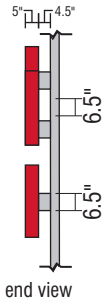
New channel letters, raceway mounted.

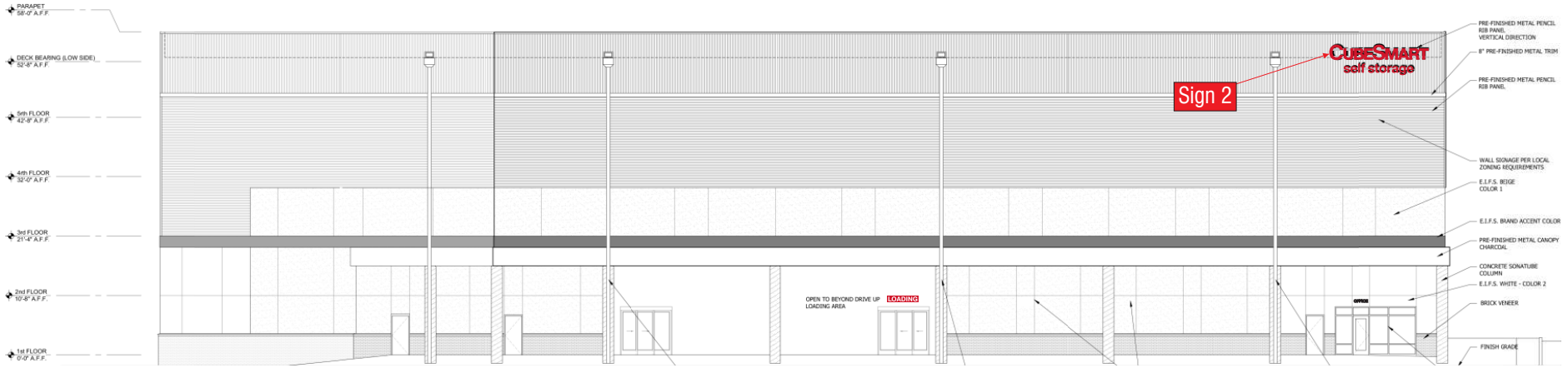
LED illuminated channel letters with CS red acrylic faces.
Raceways to match wall color.
Qty-1.
Scale: 3/16”
Sq Ft: 180

COLOR SPECIFICATIONS:

CS Red	CS Red	Raceways
Acrylic	standard returns standard trim cap	match wall color







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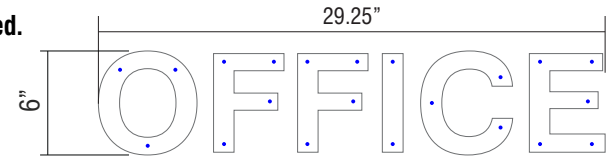
REVISIONS

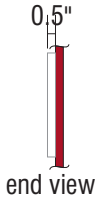
NO.	COMMENTS	DATE
A	Changed Sign 1 & 2 size and Sign 2 position-dw	01/10/22

Client **CubeSmart Self Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **6** of **11**
Drawn By: **DW** Date **12/20/2021**
1389 of 1740
Approved By: Date

Sign 3 - North Elevation

New non-lit secondary FCO letters pin-mounted.
Individual routed FCO letters painted CS white.
Qty-1.
Scale: 3/4"
Sq Ft: 1.22





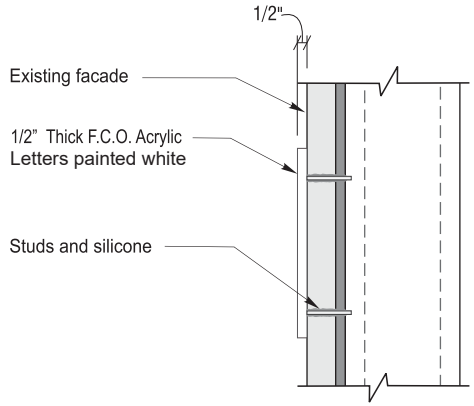
Note: Building ID Signs not exceeding 4sqft in area for nonresidential buildings do not require permits.

Note: blue dots represent mounting points

Field Verify Sign Area & Dimensions.

COLOR SPECIFICATIONS:

CS White



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REVISIONS

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Client **CubeSmart Self Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **7** of **11**
Drawn By: **DW** Date **12/20/2021**
Approved By: Date

Sign 4 - East Elevation

New non-illuminated wall plaque.

ACM panel with printed graphics applied.

Qty-1.

Scale: 3/4"=1'

Sq Ft: 3.97

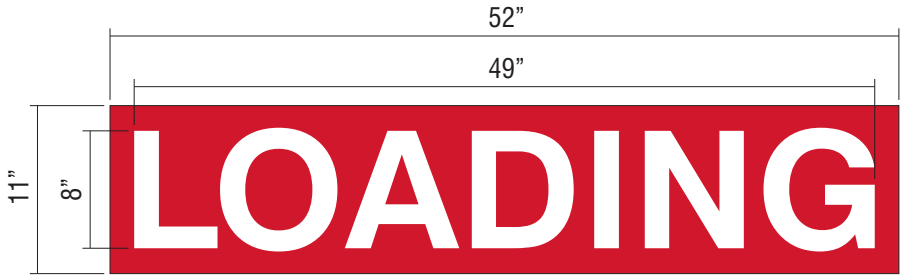
COLOR SPECIFICATIONS:

CS Red
PMS 186C

White
printed copy

Field Verify Sign Area & Dimensions.

Note: Building ID Signs not exceeding 4sqft in area for nonresidential buildings do not require permits.



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Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **8** of **11**
Drawn By: **DW** Date **12/20/2021**
Approved By: Date

Sign 5 - Freestanding Sign

Field Verify Sign Area & Dimensions.

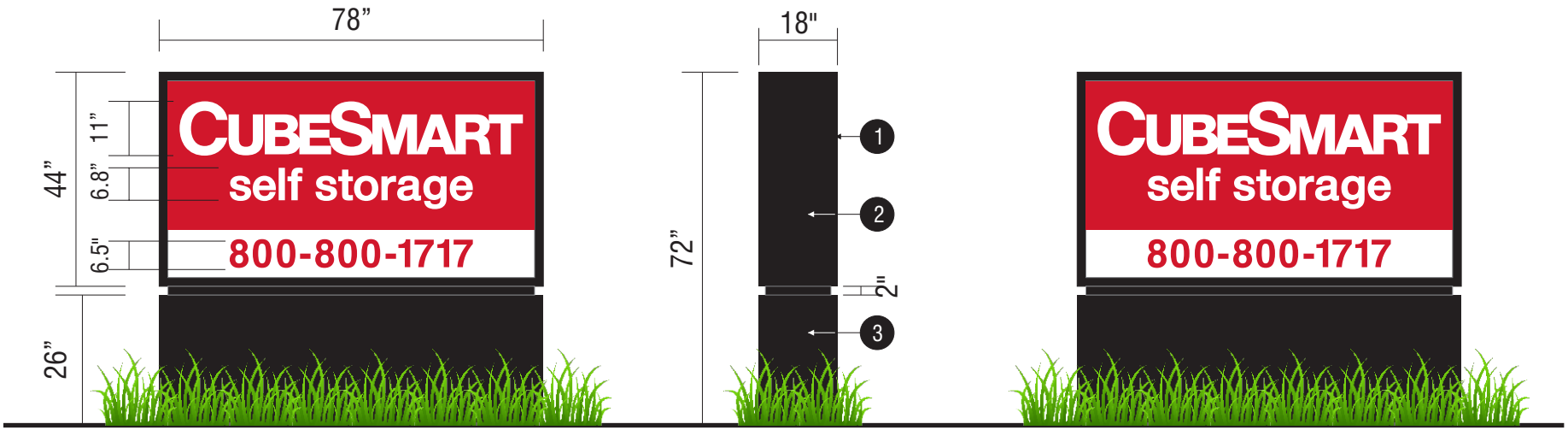
New D/F illuminated monument sign.

Seamless white polycarbonate faces with CS vinyls applied.
Qty-1.
Scale: 1/4"=1'
Sq Ft: 23.8

Note: Max. 24 sq. ft.
Max. 6 ft. to the nearest grade.
Min. 5 ft. setback from property line. Landscape area must be a min. of 2 sq. ft. for each 1 sq. ft. of sign area.
Height must be no more than 6' from grade.

Manufacturing Specs:

1. white seamless polycarbonate panel with CS exterior grade vinyls applied first surface.
2. aluminum extruded D/F cabinet with H.O. lamping and ballasts, painted black.
   Note: depth of cabinet TBD by pole size per engineering calcs.
3. aluminum base and reveal, painted black.
   Note: depth of base TBD by pole size per engineering calcs.



end view

Note: placement & angle of sign subject to flagging and detailed field survey.

COLOR SPECIFICATIONS:

CS Red	White	CS Black
PMS 186C CS red vinyl	polycarbonate panel	black paint

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REVISIONS

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Client CubeSmart Self Storage
Address 34 Dudley St, Arlington, MA 02476
Design No. 66665 Store No.
Scale: AS NOTED Sheet 9 of 11
Drawn By: DW Date 12/20/2021
Approved By: Date

Current Conditions







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Client **CubeSmart Self Storage**
Address **34 Dudley St, Arlington, MA 02476**
Design No. **66665** Store No.
Scale: **AS NOTED** Sheet **10** of **11**
Drawn By: **DW** Date **12/20/2021**
1393 of 1740
Approved By: Date

PERMIT SUMMARY

County: Middlesex County
Zoning: I - Industrial
Reface work does not require a permit. If you are not removing the sign or poles but replacing same for same there is no permit required.

Building identification signs not exceeding four square feet in area for nonresidential and mixed use buildings do not require permits. Non-illuminated signs which provide incidental information including, but not limited to credit card acceptance, business hours, open/closed, no soliciting, directions to services and facilities, or menus, provided these signs do not exceed an aggregate of six square feet in sign area;

Monument Sign

Industrial Sign District: Max. 1 per frontage; Max. 24 sq. ft. Max. 6 ft. to the nearest grade
Business, Industrial, Multi-Use and Open Space Sign District: Min. 5 ft. setback from property line.
Landscaping: A landscaped area consisting of shrubs, and/or perennial ground cover plants with a max. spacing of 3 ft. on center is required around the base of the signs. The landscape area must be a min. of 2 sq. ft. for each 1 sq. ft. of sign area.

Wall sign

Max. 1 per frontage; Max. 40 sq. ft per business Max. 25 ft. Height Signs with Individual Letters. Sign copy mounted as individual letters or graphics against a wall, fascia, mansard, or parapet of a building or surface of another structure, that has not been painted, textured or otherwise altered to provide a distinctive background for the sign copy, is measured as a sum of the smallest rectangle(s) that will enclose each word and each graphic in the total sign.

Raceway cabinets shall only be used in building mounted signs when access to the wall behind the sign is not feasible, shall not extend in width and height beyond the area of the sign, and shall match the color of the building to which it is attached. Where a raceway cabinet provides a contrast background to sign copy, the colored area is counted in the total allowable sign area allowed for the site or business. A raceway cabinet is not a cabinet sign.

Directional/driveway Signs

Number of Signs Max. 3 per lot. Max. 1 at each driveway or drive-through lane.
Sign Area Max. 3 sq. ft. per sign face.
Mounting Height Max. 6 ft. from nearest grade; except, max. 3 ft. at each driveway or drive-through lane.
Illumination Non-illuminated or internal illumination only. See Section 6.2.4(C).
Permitting Sign permit required. See Section 6.2.

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Client CubeSmart Self Storage
Address 34 Dudley St, Arlington, MA 02476
Design No. 66665 Store No.
Scale: AS NOTED Sheet 11 of 11
Drawn By: DW Date 12/20/2021
1394 of 1740
Approved By: Date

STORMWATER REPORT

Proposed Self-Storage Facility

34 Dudley Street, Arlington, MA

PREPARED FOR

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive
Suite 155
Memphis, TN 38117

PREPARED BY

2 Bedford Farms Drive
Suite 200
Bedford, NH 03110
603.391.3900

February 2022

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Project Benefits

Enhance Water Quality

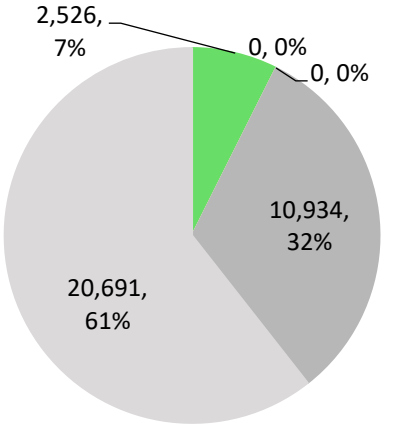
- Exceeds treatment standards set forth in MS4, TMDL, and Massachusetts Stormwater Standards
  - **60%** Phosphrous removal
  - **>80%** TSS removal
- Improvement of water quality for human health and ecological function
- LID features such as bioretention and an reduction of impervious areas

Peak Rate (and Volume) Attenuation

- Proposed 10 year storm flow rates are less than existing 2 year storm flow rates
- **312%** increase in pervious area on site
- Reduction in stormwater volume by incorporating a bioretention basin and subsurface infiltration basin

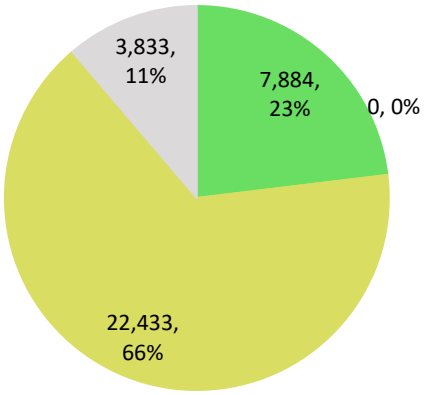
Protect Natural Resources

- Reduction of impervious surface in Riverfront Area
- Stabilization of existing, unstable slope
- Enhancement of upland vegetated transitions
- Enhance wildlife habitat
- Landscaping to include native species promoted by the Conservation Commission



Existing Conditions Areas (SF)





Proposed Conditions Areas (SF)

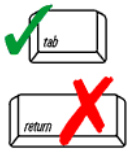
Checklist for Stormwater Report

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands Program

Checklist for Stormwater Report

A. Introduction

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A Stormwater Report must be submitted with the Notice of Intent permit application to document compliance with the Stormwater Management Standards. The following checklist is NOT a substitute for the Stormwater Report (which should provide more substantive and detailed information) but is offered here as a tool to help the applicant organize their Stormwater Management documentation for their Report and for the reviewer to assess this information in a consistent format. As noted in the Checklist, the Stormwater Report must contain the engineering computations and supporting information set forth in Volume 3 of the Massachusetts Stormwater Handbook. The Stormwater Report must be prepared and certified by a Registered Professional Engineer (RPE) licensed in the Commonwealth.

The Stormwater Report must include:

- The Stormwater Checklist completed and stamped by a Registered Professional Engineer (see page 2) that certifies that the Stormwater Report contains all required submittals.[1] This Checklist is to be used as the cover for the completed Stormwater Report.
- Applicant/Project Name
- Project Address
- Name of Firm and Registered Professional Engineer that prepared the Report
- Long-Term Pollution Prevention Plan required by Standards 4-6
- Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan required by Standard 8[2]
- Operation and Maintenance Plan required by Standard 9

In addition to all plans and supporting information, the Stormwater Report must include a brief narrative describing stormwater management practices, including environmentally sensitive site design and LID techniques, along with a diagram depicting runoff through the proposed BMP treatment train. Plans are required to show existing and proposed conditions, identify all wetland resource areas, NRCS soil types, critical areas, Land Uses with Higher Potential Pollutant Loads (LUHPPL), and any areas on the site where infiltration rate is greater than 2.4 inches per hour. The Plans shall identify the drainage areas for both existing and proposed conditions at a scale that enables verification of supporting calculations.

As noted in the Checklist, the Stormwater Management Report shall document compliance with each of the Stormwater Management Standards as provided in the Massachusetts Stormwater Handbook. The soils evaluation and calculations shall be done using the methodologies set forth in Volume 3 of the Massachusetts Stormwater Handbook.

To ensure that the Stormwater Report is complete, applicants are required to fill in the Stormwater Report Checklist by checking the box to indicate that the specified information has been included in the Stormwater Report. If any of the information specified in the checklist has not been submitted, the applicant must provide an explanation. The completed Stormwater Report Checklist and Certification must be submitted with the Stormwater Report.

---

[1] The Stormwater Report may also include the Illicit Discharge Compliance Statement required by Standard 10. If not included in the Stormwater Report, the Illicit Discharge Compliance Statement must be submitted prior to the discharge of stormwater runoff to the post-construction best management practices.

[2] For some complex projects, it may not be possible to include the Construction Period Erosion and Sedimentation Control Plan in the Stormwater Report. In that event, the issuing authority has the discretion to issue an Order of Conditions that approves the project and includes a condition requiring the proponent to submit the Construction Period Erosion and Sedimentation Control Plan before commencing any land disturbance activity on the site.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands Program

Checklist for Stormwater Report

B. Stormwater Checklist and Certification

The following checklist is intended to serve as a guide for applicants as to the elements that ordinarily need to be addressed in a complete Stormwater Report. The checklist is also intended to provide conservation commissions and other reviewing authorities with a summary of the components necessary for a comprehensive Stormwater Report that addresses the ten Stormwater Standards.

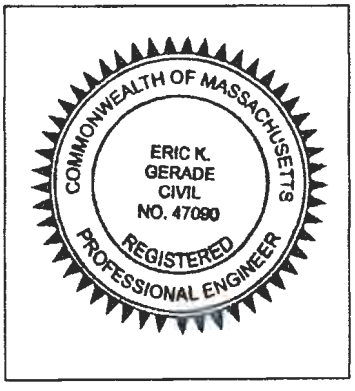
Note: Because stormwater requirements vary from project to project, it is possible that a complete Stormwater Report may not include information on some of the subjects specified in the Checklist. If it is determined that a specific item does not apply to the project under review, please note that the item is not applicable (N.A.) and provide the reasons for that determination.

A complete checklist must include the Certification set forth below signed by the Registered Professional Engineer who prepared the Stormwater Report.

Registered Professional Engineer's Certification

I have reviewed the Stormwater Report, including the soil evaluation, computations, Long-term Pollution Prevention Plan, the Construction Period Erosion and Sedimentation Control Plan (if included), the Long-term Post-Construction Operation and Maintenance Plan, the Illicit Discharge Compliance Statement (if included) and the plans showing the stormwater management system, and have determined that they have been prepared in accordance with the requirements of the Stormwater Management Standards as further elaborated by the Massachusetts Stormwater Handbook. I have also determined that the information presented in the Stormwater Checklist is accurate and that the information presented in the Stormwater Report accurately reflects conditions at the site as of the date of this permit application.

Registered Professional Engineer Block and Signature



2/9/2022

Signature and Date

Checklist

Project Type: Is the application for new development, redevelopment, or a mix of new and redevelopment?

☐ New development

☒ Redevelopment

☐ Mix of New Development and Redevelopment

Checklist for Stormwater Report

Checklist (continued)

LID Measures: Stormwater Standards require LID measures to be considered. Document what environmentally sensitive design and LID Techniques were considered during the planning and design of the project:

- ☐ No disturbance to any Wetland Resource Areas
- ☐ Site Design Practices (e.g. clustered development, reduced frontage setbacks)
- ☒ Reduced Impervious Area (Redevelopment Only)
- ☐ Minimizing disturbance to existing trees and shrubs
- ☐ LID Site Design Credit Requested:
  - ☐ Credit 1
  - ☐ Credit 2
  - ☐ Credit 3
- ☐ Use of “country drainage” versus curb and gutter conveyance and pipe
- ☒ Bioretention Cells (includes Rain Gardens)
- ☐ Constructed Stormwater Wetlands (includes Gravel Wetlands designs)
- ☐ Treebox Filter
- ☐ Water Quality Swale
- ☐ Grass Channel
- ☐ Green Roof
- ☐ Other (describe): _____

Standard 1: No New Untreated Discharges

- ☒ No new untreated discharges
- ☒ Outlets have been designed so there is no erosion or scour to wetlands and waters of the Commonwealth
- ☒ Supporting calculations specified in Volume 3 of the Massachusetts Stormwater Handbook included.

Checklist for Stormwater Report

Checklist (continued)

Standard 2: Peak Rate Attenuation

☐ Standard 2 waiver requested because the project is located in land subject to coastal storm flowage and stormwater discharge is to a wetland subject to coastal flooding.

☐ Evaluation provided to determine whether off-site flooding increases during the 100-year 24-hour storm.

☒ Calculations provided to show that post-development peak discharge rates do not exceed pre-development rates for the 2-year and 10-year 24-hour storms. If evaluation shows that off-site flooding increases during the 100-year 24-hour storm, calculations are also provided to show that post-development peak discharge rates do not exceed pre-development rates for the 100-year 24-hour storm.

Standard 3: Recharge

☒ Soil Analysis provided.

☒ Required Recharge Volume calculation provided.

☐ Required Recharge volume reduced through use of the LID site Design Credits.

☒ Sizing the infiltration, BMPs is based on the following method: Check the method used.

☒ Static ☐ Simple Dynamic ☐ Dynamic Field[1]

☐ Runoff from all impervious areas at the site discharging to the infiltration BMP.

☒ Runoff from all impervious areas at the site is *not* discharging to the infiltration BMP and calculations are provided showing that the drainage area contributing runoff to the infiltration BMPs is sufficient to generate the required recharge volume.

☒ Recharge BMPs have been sized to infiltrate the Required Recharge Volume.

☐ Recharge BMPs have been sized to infiltrate the Required Recharge Volume *only* to the maximum extent practicable for the following reason:

- ☐ Site is comprised solely of C and D soils and/or bedrock at the land surface
- ☐ M.G.L. c. 21E sites pursuant to 310 CMR 40.0000
- ☐ Solid Waste Landfill pursuant to 310 CMR 19.000
- ☐ Project is otherwise subject to Stormwater Management Standards only to the maximum extent practicable.

☒ Calculations showing that the infiltration BMPs will drain in 72 hours are provided.

☐ Property includes a M.G.L. c. 21E site or a solid waste landfill and a mounding analysis is included.

[1] 80% TSS removal is required prior to discharge to infiltration BMP if Dynamic Field method is used.

Checklist for Stormwater Report

Checklist (continued)

Standard 3: Recharge (continued)

☐ The infiltration BMP is used to attenuate peak flows during storms greater than or equal to the 10-year 24-hour storm and separation to seasonal high groundwater is less than 4 feet and a mounding analysis is provided.

☐ Documentation is provided showing that infiltration BMPs do not adversely impact nearby wetland resource areas.

Standard 4: Water Quality

The Long-Term Pollution Prevention Plan typically includes the following:

- Good housekeeping practices;
- Provisions for storing materials and waste products inside or under cover;
- Vehicle washing controls;
- Requirements for routine inspections and maintenance of stormwater BMPs;
- Spill prevention and response plans;
- Provisions for maintenance of lawns, gardens, and other landscaped areas;
- Requirements for storage and use of fertilizers, herbicides, and pesticides;
- Pet waste management provisions;
- Provisions for operation and management of septic systems;
- Provisions for solid waste management;
- Snow disposal and plowing plans relative to Wetland Resource Areas;
- Winter Road Salt and/or Sand Use and Storage restrictions;
- Street sweeping schedules;
- Provisions for prevention of illicit discharges to the stormwater management system;
- Documentation that Stormwater BMPs are designed to provide for shutdown and containment in the event of a spill or discharges to or near critical areas or from LUHPPL;
- Training for staff or personnel involved with implementing Long-Term Pollution Prevention Plan;
- List of Emergency contacts for implementing Long-Term Pollution Prevention Plan.

☒ A Long-Term Pollution Prevention Plan is attached to Stormwater Report and is included as an attachment to the Wetlands Notice of Intent.

☐ Treatment BMPs subject to the 44% TSS removal pretreatment requirement and the one inch rule for calculating the water quality volume are included, and discharge:

- ☐ is within the Zone II or Interim Wellhead Protection Area
- ☐ is near or to other critical areas
- ☐ is within soils with a rapid infiltration rate (greater than 2.4 inches per hour)
- ☐ involves runoff from land uses with higher potential pollutant loads.

☐ The Required Water Quality Volume is reduced through use of the LID site Design Credits.

☒ Calculations documenting that the treatment train meets the 80% TSS removal requirement and, if applicable, the 44% TSS removal pretreatment requirement, are provided.

Checklist for Stormwater Report

Checklist (continued)

Standard 4: Water Quality (continued)

☒ The BMP is sized (and calculations provided) based on:

- ☒ The ½" or 1" Water Quality Volume or
- ☐ The equivalent flow rate associated with the Water Quality Volume and documentation is provided showing that the BMP treats the required water quality volume.

☐ The applicant proposes to use proprietary BMPs, and documentation supporting use of proprietary BMP and proposed TSS removal rate is provided. This documentation may be in the form of the propriety BMP checklist found in Volume 2, Chapter 4 of the Massachusetts Stormwater Handbook and submitting copies of the TARP Report, STEP Report, and/or other third party studies verifying performance of the proprietary BMPs.

☐ A TMDL exists that indicates a need to reduce pollutants other than TSS and documentation showing that the BMPs selected are consistent with the TMDL is provided.

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)

☐ The NPDES Multi-Sector General Permit covers the land use and the Stormwater Pollution Prevention Plan (SWPPP) has been included with the Stormwater Report.

☐ The NPDES Multi-Sector General Permit covers the land use and the SWPPP will be submitted ***prior to*** the discharge of stormwater to the post-construction stormwater BMPs.

☒ The NPDES Multi-Sector General Permit does ***not*** cover the land use.

☐ LUHPPLs are located at the site and industry specific source control and pollution prevention measures have been proposed to reduce or eliminate the exposure of LUHPPLs to rain, snow, snow melt and runoff, and been included in the long term Pollution Prevention Plan.

☐ All exposure has been eliminated.

☐ All exposure has ***not*** been eliminated and all BMPs selected are on MassDEP LUHPPL list.

☐ The LUHPPL has the potential to generate runoff with moderate to higher concentrations of oil and grease (e.g. all parking lots with >1000 vehicle trips per day) and the treatment train includes an oil grit separator, a filtering bioretention area, a sand filter or equivalent.

Standard 6: Critical Areas

☐ The discharge is near or to a critical area and the treatment train includes only BMPs that MassDEP has approved for stormwater discharges to or near that particular class of critical area.

☐ Critical areas and BMPs are identified in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the maximum extent practicable

☒ The project is subject to the Stormwater Management Standards only to the maximum Extent Practicable as a:

☐ Limited Project

☐ Small Residential Projects: 5-9 single family houses or 5-9 units in a multi-family development provided there is no discharge that may potentially affect a critical area.

☐ Small Residential Projects: 2-4 single family houses or 2-4 units in a multi-family development with a discharge to a critical area

☐ Marina and/or boatyard provided the hull painting, service and maintenance areas are protected from exposure to rain, snow, snow melt and runoff

☐ Bike Path and/or Foot Path

☒ Redevelopment Project

☐ Redevelopment portion of mix of new and redevelopment.

☐ Certain standards are not fully met (Standard No. 1, 8, 9, and 10 must always be fully met) and an explanation of why these standards are not met is contained in the Stormwater Report.

☐ The project involves redevelopment and a description of all measures that have been taken to improve existing conditions is provided in the Stormwater Report. The redevelopment checklist found in Volume 2 Chapter 3 of the Massachusetts Stormwater Handbook may be used to document that the proposed stormwater management system (a) complies with Standards 2, 3 and the pretreatment and structural BMP requirements of Standards 4-6 to the maximum extent practicable and (b) improves existing conditions.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control

A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan must include the following information:

- Narrative;
- Construction Period Operation and Maintenance Plan;
- Names of Persons or Entity Responsible for Plan Compliance;
- Construction Period Pollution Prevention Measures;
- Erosion and Sedimentation Control Plan Drawings;
- Detail drawings and specifications for erosion control BMPs, including sizing calculations;
- Vegetation Planning;
- Site Development Plan;
- Construction Sequencing Plan;
- Sequencing of Erosion and Sedimentation Controls;
- Operation and Maintenance of Erosion and Sedimentation Controls;
- Inspection Schedule;
- Maintenance Schedule;
- Inspection and Maintenance Log Form.

☒ A Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan containing the information set forth above has been included in the Stormwater Report.

Checklist for Stormwater Report

Checklist (continued)

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Control (continued)

☐ The project is highly complex and information is included in the Stormwater Report that explains why it is not possible to submit the Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan with the application. A Construction Period Pollution Prevention and Erosion and Sedimentation Control has ***not*** been included in the Stormwater Report but will be submitted ***before*** land disturbance begins.

☒ The project is ***not*** covered by a NPDES Construction General Permit.

☐ The project is covered by a NPDES Construction General Permit and a copy of the SWPPP is in the Stormwater Report.

☐ The project is covered by a NPDES Construction General Permit but no SWPPP been submitted. The SWPPP will be submitted BEFORE land disturbance begins.

Standard 9: Operation and Maintenance Plan

☒ The Post Construction Operation and Maintenance Plan is included in the Stormwater Report and includes the following information:

- ☒ Name of the stormwater management system owners;
- ☐ Party responsible for operation and maintenance;
- ☒ Schedule for implementation of routine and non-routine maintenance tasks;
- ☒ Plan showing the location of all stormwater BMPs maintenance access areas;
- ☐ Description and delineation of public safety features;
- ☐ Estimated operation and maintenance budget; and
- ☒ Operation and Maintenance Log Form.

☐ The responsible party is ***not*** the owner of the parcel where the BMP is located and the Stormwater Report includes the following submissions:

- ☐ A copy of the legal instrument (deed, homeowner's association, utility trust or other legal entity) that establishes the terms of and legal responsibility for the operation and maintenance of the project site stormwater BMPs;
- ☐ A plan and easement deed that allows site access for the legal entity to operate and maintain BMP functions.

Standard 10: Prohibition of Illicit Discharges

☒ The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges;

☐ An Illicit Discharge Compliance Statement is attached;

☐ NO Illicit Discharge Compliance Statement is attached but will be submitted ***prior to*** the discharge of any stormwater to post-construction BMPs.

Stormwater Report Narrative

This Stormwater Report has been prepared to demonstrate compliance with the Massachusetts Stormwater Management Standards in accordance with the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.00) and Water Quality Certification Regulations (314 CMR 9.00). This report also demonstrates compliance with the Town of Arlington Stormwater Management Standards.

Project Description

The Applicant, PSI Atlantic Arlington MA, LLC, is proposing to construct a Self-Storage redevelopment (the Project). As proposed, the Project consists of 95,706 square feet of building space, ancillary landscape improvements, parking spaces (11), and stormwater management and utility improvements to support this use.

The Project will entail the construction of a five story self-storage facility with associated parking and is not considered a Land Use with Higher Potential Pollutant Loads (LUHPPL).

Site Description

The Project Site is a 0.78-acre parcel of land (the Site) located within the Industrial zoning district at 34 Dudley Street in Arlington, Massachusetts (see Figure 1). The Site lies within the surface watershed of Mill Brook and is bounded by Dudley Street to the north, Mill Brook to the south, and commercial and residential uses to the east and west. See Figure 1, Site Locus Map.

Wetland Resource Areas on the Site include the following:

The resource areas identified on or near the Project Site subject to state regulations under the WPA include Bank and Riverfront Area. The resource areas are defined under the WPA (310 CMR 10.00) as follows:

- **Bank**: As defined at 310 CMR 10.54 (2), *"a Bank is the portion of the land surface which normally abuts and confines a water body … The upper boundary of Bank is the first observable break in slope or the mean annual flood level, whichever is lower."*
- **RA:** As defined by 310 CMR 10.58 (2)(a)(3), Riverfront Area is *"the area of land between a river's mean annual high-water line measured horizontally outward from the river and a parallel line located 200 feet away…"*

An additional resource area established under the Bylaw is the 100-foot adjacent upland resource area. For the purposes of this NOI, the URA has been broken down into separate buffer zones. These areas are defined as follows:

- 25-foot No Disturb Zone (NDZ) – the innermost 25 feet of the 100-foot URA
- 50-foot No Build Zone (NBZ) – the inner 50 feet of the 100-foot URA
- 100-foot URA – land within 100 feet of a resource area

Wetlands and their buffer zones on/adjacent to the property are described in more detail in the Notice of Intent narrative, bound separately.

Table 1 Existing Conditions Hydrologic Data

Name	Critical Area (yes/no)	Zone 1 or Zone A (yes/no)	ORW or SRW (yes/no)	Zone II or IWPA (yes/no)	Other
Mill Brook	No	No	No	No	*Impaired Waterbody (MA71-07)* *Benthic Macroinvertebrates* *Escherichia Coli (E. Coli)N/A*

According to the National Resources Conservation Service (NRCS), surface soils on the Site include Merrimac-Urban land complex and Udorthents. On-site soils are classified as Hydrologic Soil Groups (HSG D) . To support the redevelopment and in accordance with the Town of Arlington Inland Wetland District, a subsurface geotechnical investigation was performed by GeoEngineers, Inc, Boston, MA, and advanced borings in monitoring wells in December 2021 and January 2022. The results of the soil boring analysis, the soils on the site are classified as HSG A soils with an infiltration rate of 2.4 inches per hour. The Geotechnical Report is included in Appendix C, the Site is not considered to be within an area of rapid infiltration (soils with a saturated hydraulic conductivity greater than 2.4 inches per hour).

Existing Drainage Conditions

Under existing conditions, the Site is developed and predominately impervious with generally flat topography. Just to the south of the southerly property boundary, there is a steep slope down to Mill Brook. Figure 2 illustrates the existing drainage patterns on the Site. Currently, the Site is divided into two drainage areas as stormwater runoff flows to two Design Points, which have been identified as Dudley Street (DP-1) and Mill Brook (DP-2). Table 2 below provides a summary of the existing conditions hydrologic data.

Table 2 Existing Conditions Hydrologic Data

Drainage Area	Discharge Location	Design Point	Area (Acres)	Curve Number	Time of Concentration (min)
EX-1	Dudley Street	DP-1	0.325	97	5.0
EX-2	Mill Brook	DP-2	0.459	96	5.0

Proposed Drainage Conditions

Figure 3 illustrates the proposed "post construction" drainage conditions for the project. As shown, the Site will be divided into 5 drainage areas that discharge treated stormwater to the 2 existing Design Points. Table 3 below provides a summary of the proposed conditions hydrologic data.

Table 3 Proposed Conditions Hydrologic Data

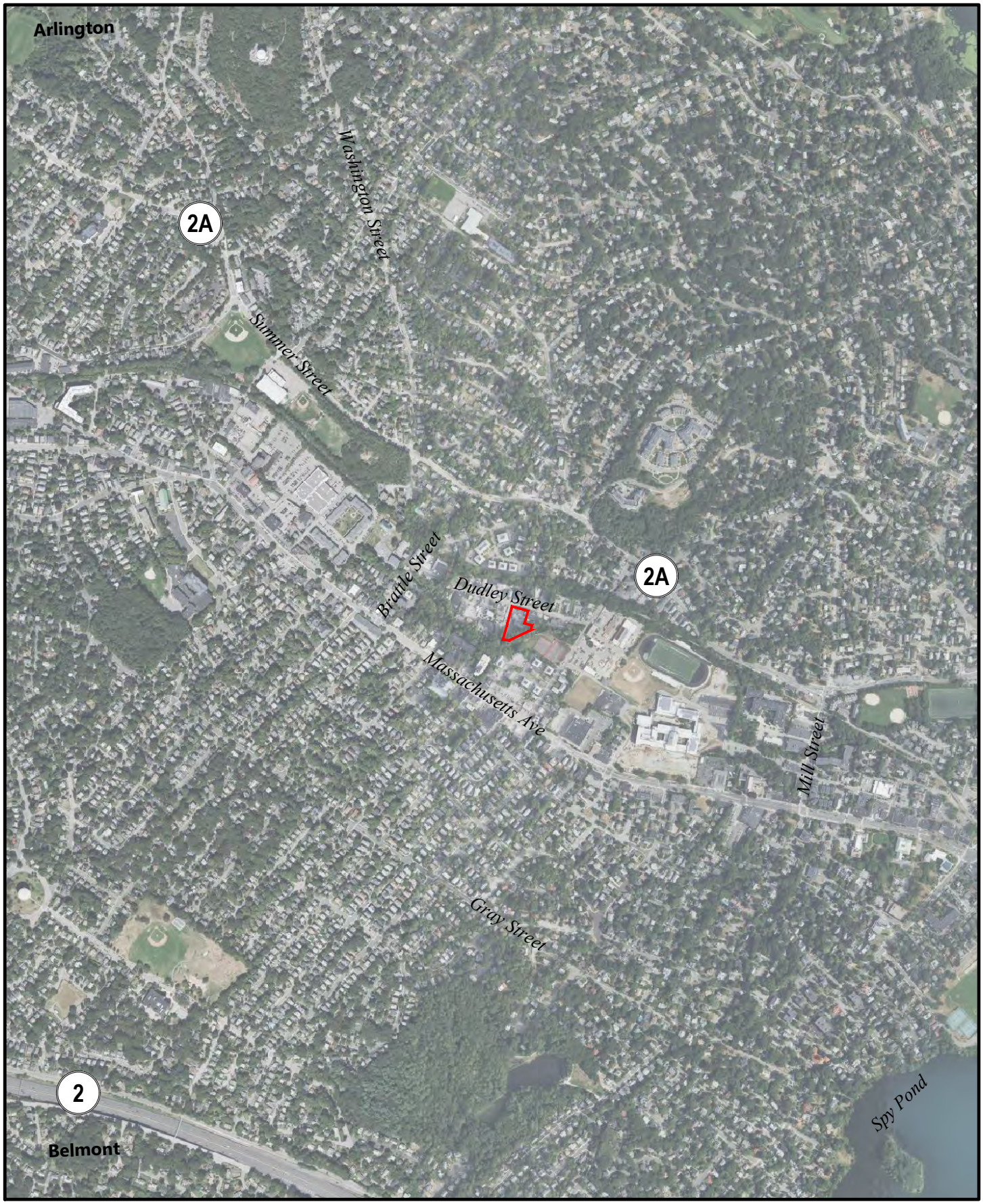
Drainage Area	Discharge Location	Design Point	Area (Acres)	Curve Number	Time of Concentration (min)
PR-1	Mill Brook	DP-2	0.515	98	5.0
PR-2	Mill Brook	DP-2	0.157	80	5.0
PR-3	Mill Brook	DP-2	0.009	96	5.0
PR-4	Mill Brook	DP-2	0.066	98	5.0
PR-5	Dudley Street	DP-1	0.036	87	5.0

The site design integrates a comprehensive stormwater management system that has been developed in accordance with the Massachusetts Stormwater Handbook. The proposed stormwater management system has been designed to treat the half inch Water Quality Volume.

Environmentally Sensitive and Low Impact Development (LID) Techniques

Low Impact Development (LID) techniques and stormwater Best Management Practices (BMPs) implemented into the site design include reduction of impervious area, minimized disturbance to existing trees and vegetation, a bioretention basin, . The bioretention basin has been incorporated, as recommended by the Zoning Bylaws, to collect stormwater from the parking area. In general, stormwater from the proposed impervious surfaces is collected in a bioretention basin or deep sump hooded catch basins, prior to being discharged into a subsurface infiltration basin with an isolator row. The deep sump hooded catch basin and isolator row provide pretreatment prior to final treatment by the infiltration basin. Additionally,

the bioretention basin has a sediment forebay for pretreatment prior to final treatment by the bioretention basin soil media. The overflow from the bioretention basin is connected to the larger subsurface infiltration basin to control larger storm events and provide additional water quality benefits. The subsurface infiltration basin has an outlet control structure to control the rates of flow and ensure proper water quality volume, prior to discharging to the existing pipe discharge to the south of the property towards Mill Brook.



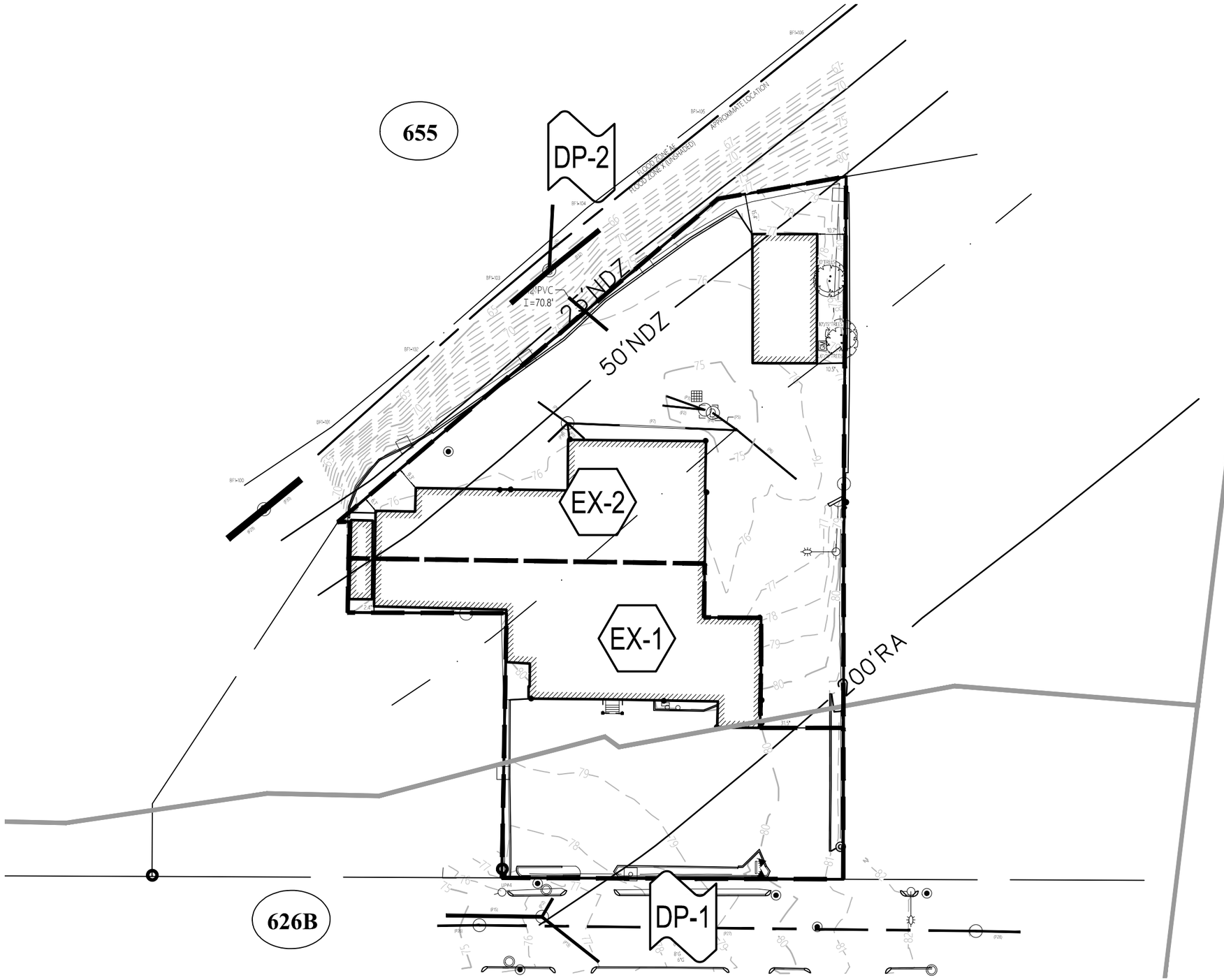
vhb

Site Location Map
DEP Permitting
Arlington Self Storage Facility
Arlington, MA

Figure 1

1413 of 1740
02/09/2022

0 500 1000 2000 Feet



Legend

SYMBOLS

- X — **DESIGN POINT**
- X — **DRAINAGE AREA DESIGNATION**
- X — **POND**

LINETYPES

- **DRAINAGE AREA BOUNDARY**
- **TIME OF CONCENTRATION FLOW LINE**
- **SOIL TYPE BOUNDARY**
- **100' BUFFER ZONE**
- 4–220 4–219 — **WETLAND BOUNDARY**

SCS SOIL CLASSIFICATIONS

- 626B — **MERRIMAC-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES, HSG A**
- 655 — **UDORTHENTS, WET SUBSTRATUM**

0 20 40 80 Feet

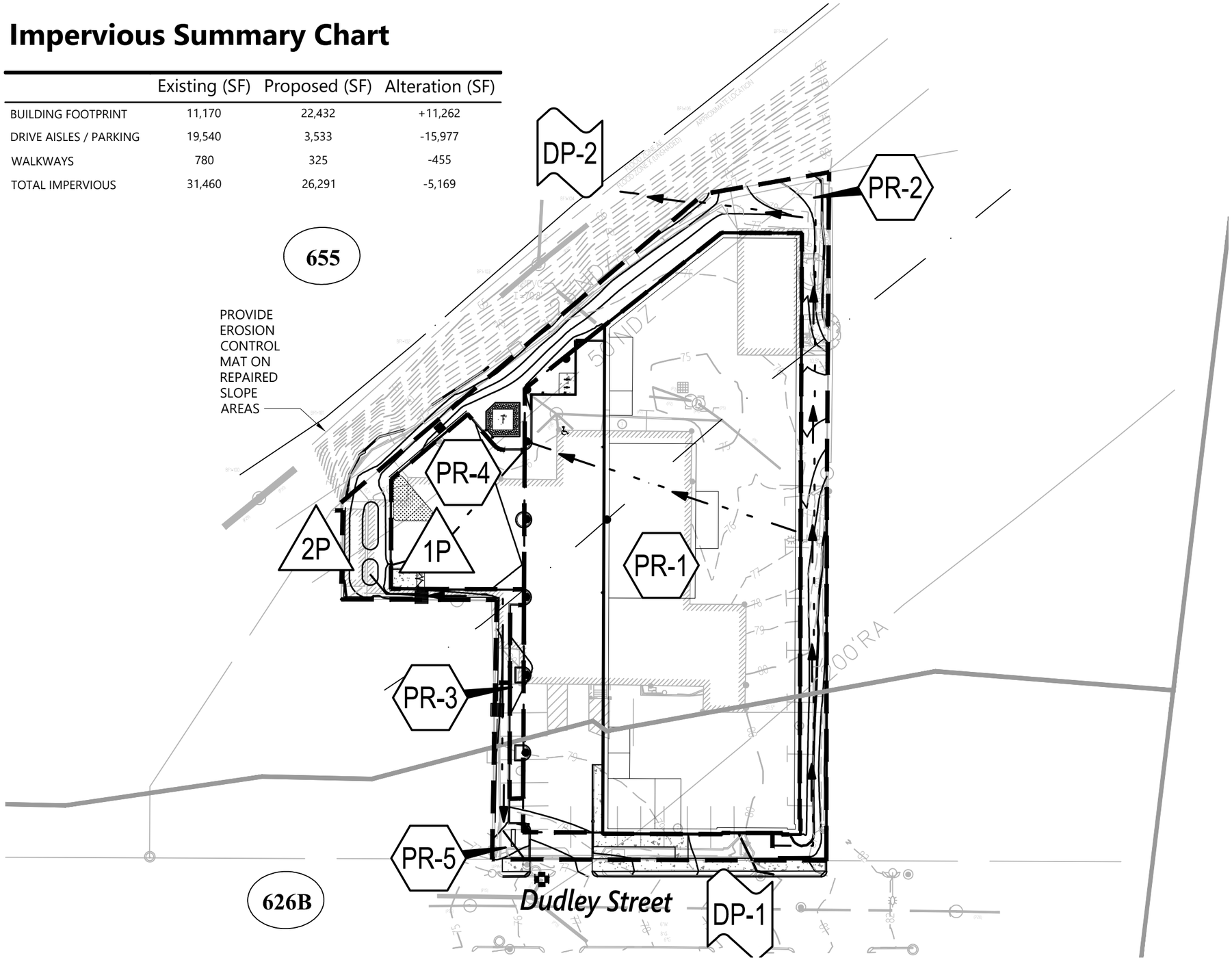
Existing Drainage Conditions — **Figure 2**

Proposed Self Storage Facility
Arlington, Massachusetts

02/09/2022

Impervious Summary Chart

	Existing (SF)	Proposed (SF)	Alteration (SF)
BUILDING FOOTPRINT	11,170	22,432	+11,262
DRIVE AISLES / PARKING	19,540	3,533	-15,977
WALKWAYS	780	325	-455
TOTAL IMPERVIOUS	31,460	26,291	-5,169



Legend

SYMBOLS

- X — **DESIGN POINT**
- X — **DRAINAGE AREA DESIGNATION**
- X — **POND**

LINETYPES

- **DRAINAGE AREA BOUNDARY**
- **TIME OF CONCENTRATION FLOW LINE**
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0 20 40 80 Feet

Proposed Drainage Conditions — **Figure 3**

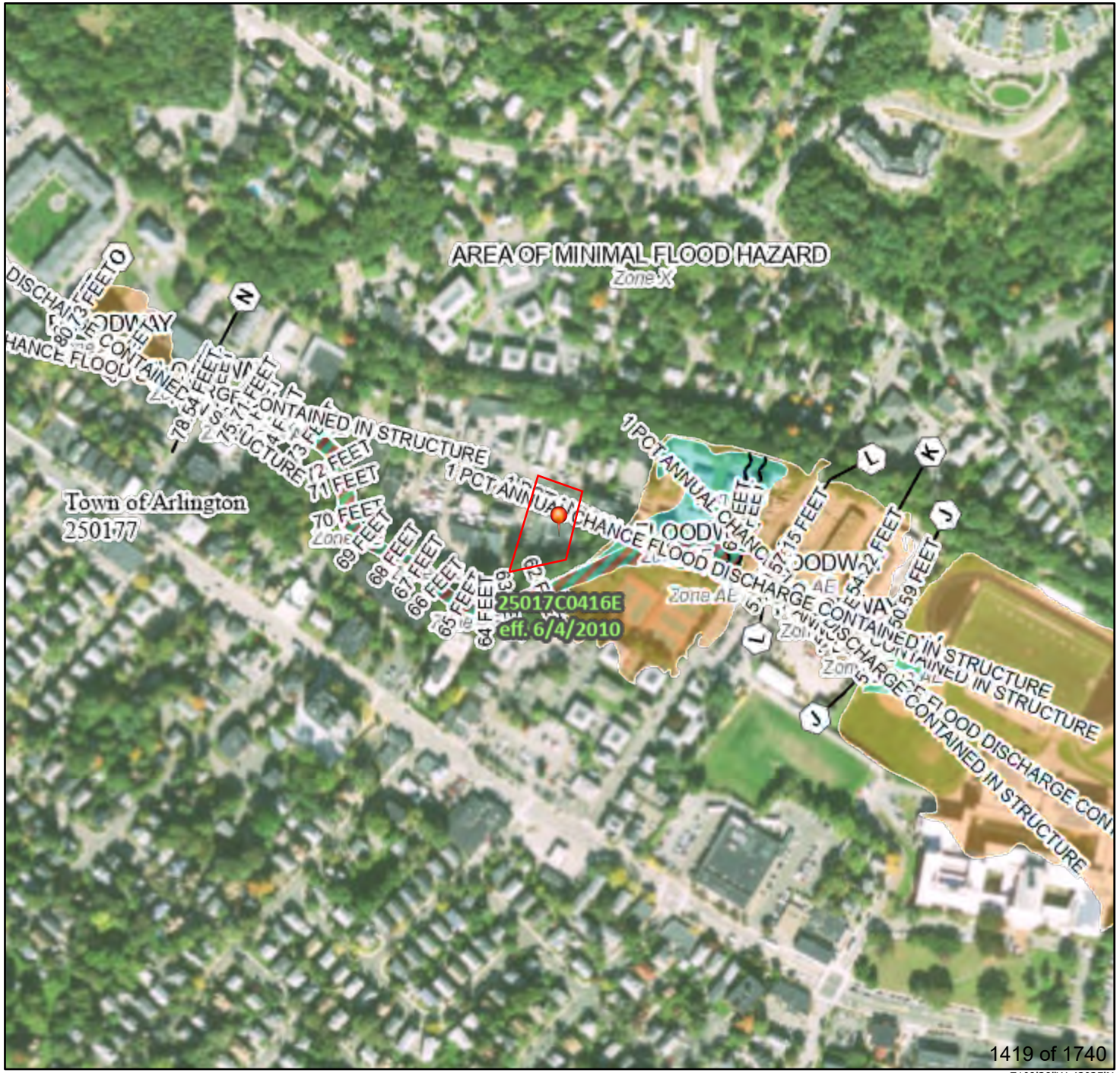
Proposed Self Storage Facility
Arlington, Massachusetts

02/09/2022

National Flood Hazard Layer FIRMette

FEMA

71°10'17"W 42°25'27"N



71°9'39"W 42°25'N

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/9/2022 at 10:06 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

FIGURE 4

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Regulatory Compliance

Massachusetts Department of Environmental Protection (DEP) – Stormwater Management Standards

As demonstrated below, the proposed Project fully complies with the DEP Stormwater Management Standards.

Standard 1: No New Untreated Discharges or Erosion to Wetlands

The Project has been designed to comply with Standard 1.

The Best Management Practices (BMPs) included in the proposed stormwater management system have been designed in accordance with the Massachusetts Stormwater Handbook. Supporting information and computations demonstrating that no new untreated discharges will result from the Project are presented through compliance with Standards 4 through 6.

All proposed Project stormwater outlets and conveyances have been designed to not cause erosion or scour to wetlands or receiving waters. Outlets from closed drainage systems have been designed with flared end sections and stone protection to dissipate discharge velocities.

Computations and supporting information for the sizing and selection of materials used to protect from scour and erosion are included in Appendix A.

Standard 2: Peak Rate Attenuation

The Project has been designed to comply with Standard 2.

The rainfall-runoff response of the Site under existing and proposed conditions was analyzed for storm events with recurrence intervals of 2, 10, 25 and 100 years. The results of the analysis, as summarized in Table 4 below, indicate that there is no increase in peak discharge rates between the existing and proposed conditions.

Computations and supporting information regarding the hydrologic modeling are included in Appendix B.

Table 4 Peak Discharge Rates (cfs*)

Design Point	2-year	10-year	25-year	100-year
Design Point: Dudley Street (DP-1)				
Existing	1.05	1.68	2.08	2.68
Proposed	0.08	0.15	0.20	0.27
Design Point: Mill Brook (DP-2)				
Existing	1.46	2.36	2.93	3.78
Proposed	0.56	1.45	2.46	3.67

Standard 3: Stormwater Recharge

The Project has been designed to comply with Standard 3.

In accordance with the Stormwater Handbook, the Required Recharge Volume for the Project is 1,315 cubic feet.

Recharge of stormwater has been provided through the use of a bioretention basin and subsurface infiltration basin, which have been sized using the Static method. Each infiltration BMP has been designed to drain completely within 72 hours. Table 5 below provides a summary of the proposed infiltration BMPs utilized for the Project.

Table 5 Summary of Recharge Calculations

Infiltration BMP	Provided Recharge Volume (cubic feet)
Subsurface Infiltration Basin	1,954
Total Provided Recharge	**1,954**
Total Required Recharge	**1,315**

Geotechnical Engineering Report, computations, and supporting information are included in Appendix C.

Standard 4: Water Quality

The Project has been designed to comply with Standard 4.

The proposed stormwater management system implements a treatment train of BMPs that has been designed to provide 80% TSS removal of stormwater runoff from all proposed impervious surfaces.

Computations and supporting information, including the Long-Term Pollution Prevention Plan, are included in Appendix D.

Standard 5: Land Uses with Higher Potential Pollutant Loads (LUHPPLs)

The Project is not considered a LUHPPL.

Standard 6: Critical Areas

The Project will not discharge stormwater near or to a critical area.

Standard 7: Redevelopments and Other Projects Subject to the Standards only to the Maximum Extent Practicable

The Project has been designed to comply with all ten of the Stormwater Management Standards.

Standard 8: Construction Period Pollution Prevention and Erosion and Sedimentation Controls

The Project will disturb approximately 0.8 acres of land and is not required to obtain coverage under the Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) Construction General Permit. In lieu of the Stormwater Pollution Prevention Plan (SWPPP) required under NPDES, a Construction Period Pollution Prevention and Erosion Sedimentation Control Plan has been included in Appendix F.

Standard 9: Operation and Maintenance Plan

In compliance with Standard 9, a Post Construction Stormwater Operation and Maintenance (O&M) Plan has been developed for the Project. The O&M Plan is included in Appendix D as part of the Long Term Pollution Prevention Plan.

Standard 10: Prohibition of Illicit Discharges

Sanitary sewer and storm drainage structures which were part of the previous development on this site are to be completely removed during the site redevelopment. The design plans submitted with this report have been designed in full compliance with current standards. The Long-Term Pollution Prevention Plan includes measures to prevent illicit discharges.

Local Municipal Rules and Regulations

The following document intended to assist applicants and their consultants by providing Stormwater Management/Mitigation design guidelines, submission requirements, and review procedures in accordance with The Town of Arlington By-Law Title V, Article 15, Section 4.

The design and function of the stormwater drainage system shall conform to the following requirements, which may be modified by the Town of Arlington in a case-by-case situation to better suit the problems and specific needs of a particular site:

1. *All projects subject to this By-Law must meet the standards of the most current Massachusetts Department of Environmental Protection (DEP) Stormwater Management Policy and any applicable By-Laws and/or Rules and Regulations of the Town of Arlington.*

   The Project, as currently designed and demonstrated by this stormwater management plan and report, fully complies with the DEP Stormwater management Policy and Town of Arlington regulations.

2. *No project shall result in an increase in the peak rate of stormwater runoff or volume over natural and existing conditions for the 2-, 10-, and 25-Year 24-hour duration storm events.*

   Project complies, refer to Table 4.

3. Technical design and construction standards for detention/retention/infiltration structures, including, but not limited to, groundwater separation, outlet control structures, sediment forebays, spillways, splashpads, as well as sizing for any basins, outlets, and spillways shall be consistent with DEP Stormwater Management Standards.

   Project complies, refer to the Site Plans for the design and details for the stormwater management structures, which are consistent with the DEP Stormwater Management Standards.

4. *The design for the capacity of all stormwater system pipes and inlet grates shall be based on a Rational Method Analysis (or acceptable equivalent) for a 25-Year Storm intensity.*

   The closed drainage system has been designed to adequately convey the 25-year storm event. Refer to Appendix G for the hydraulic capacity spreadsheet for the pipe network.

5. *Existing lot grading shall be retained wherever possible to maintain predevelopment drainage patterns to the greatest extent possible. Where grading must be altered, the proposed grading shall not convey additional overland flows across lot lines or cause ponding on any adjacent property.*

   The project has been designed to mimic existing hydrologic drainage patterns. Stormwater management best management practices have been incorporated to provide water quality treatment and water quality control to ensure additional stormwater is not conveyed across lot lines or cause ponding on adjacent properties.

All projects to which the above referenced Town by-law applies, shall submit to the Engineering Division a Grading & Drainage Report and/or Plan at a minimum scale of 1"=40'. The Plans and/or Report shall consist of and include the following information (if applicable):

1. *The Name, Mailing Address, Phone Number, and Email of the Property Owner, Land Developer, and the Engineer or Consultant working on the Project.*
2. *Delineation of:*
   a. *Federal, State, and/or Local Wetlands.*
   b. *The National Flood Insurance Program 100-Year Flood Zone and/or other Risk Areas.*
   c. *Any Streams and/or Drainage Ways on or abutting the Site.*
   d. *Any Easements or Right-of-Ways on or abutting the Site.*
   e. *Extents of the Project or a Limit of Work/Disturbance Area.*

3. *Existing and proposed contours on the site to indicate general topography. The contour interval shall be at a two- foot interval. Spot elevations shall be included in areas with grades of 2% or less. If permanent benchmarks are required for the proposed activities, those shall also be shown on the Plan.*
   a. *Approximate existing contour lines that are appropriate for use in certain small-scale projects can be found on the Town of Arlington website at http://209.6.3.218/GISMaps//index1.htm.*
4. *Existing and proposed impervious surfaces shall be clearly delineated and labeled on the plan. Include a summary table of all features, both existing and proposed. An example summary table is shown below:*

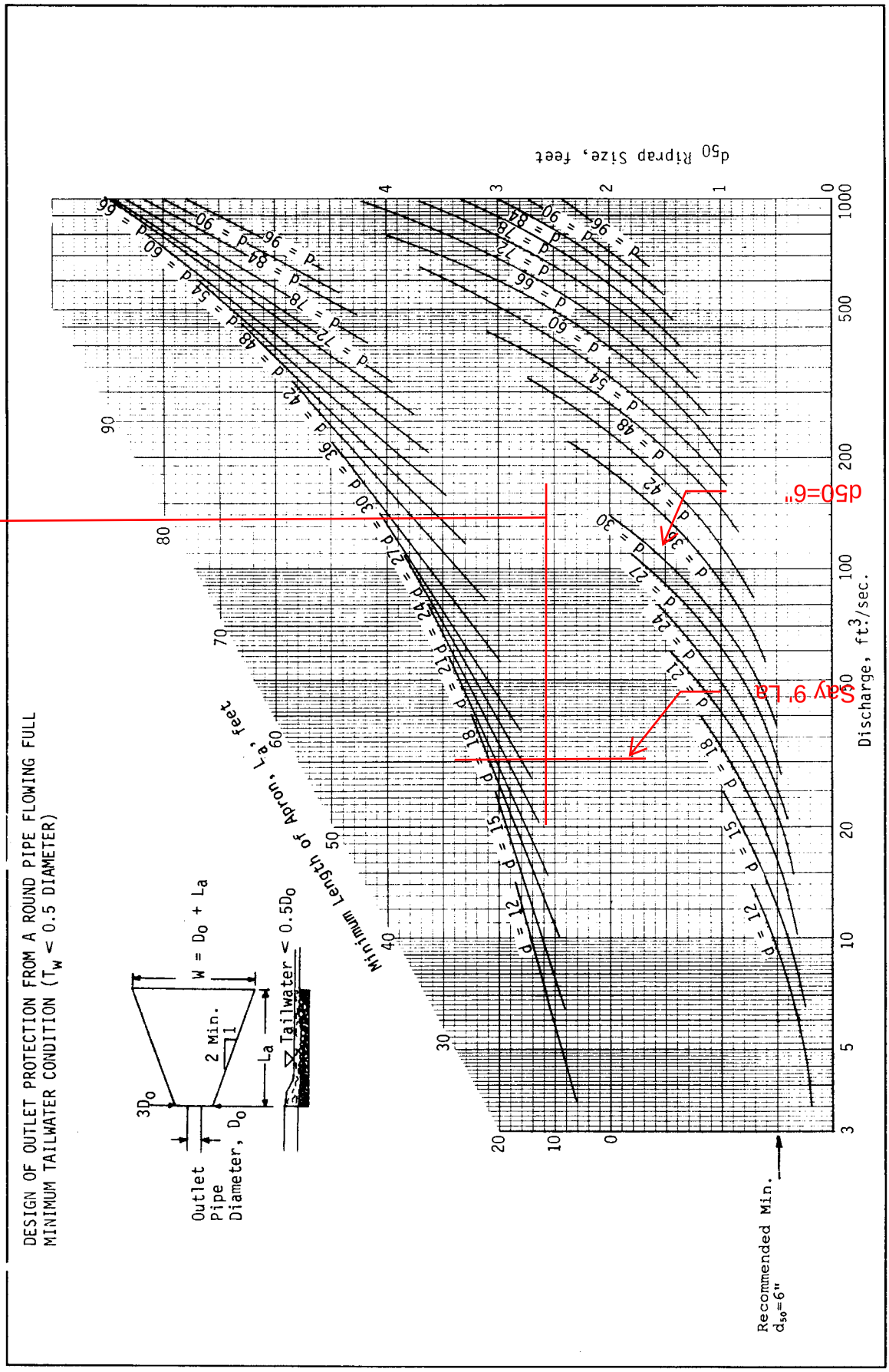
	Existing (SF)	***Proposed (SF)***	***Alteration***
Building Footprint	*1,250*	*1,500*	*+ 250 SF*
Bituminous Driveway	*500*	*650*	*+ 150 SF*
Concrete Walkway	*40*	*30*	*- 10 SF*
Total Impervious	***1,790***	***2,180***	***+ 390 SF***

5. *Existing and Proposed locations of all drainage structures, including foundation and roof drains, with rim and invert elevations. Profile and/or Cross Section drawings shall be provided for all proposed infiltration/retention/detention systems.*
6. *Where stormwater recharge or infiltration is proposed, the plans shall include observed and estimated maximum groundwater elevations at the location of each proposed infiltration/retention/detention area.*
   a. *Soil percolation testing or other acceptable soil absorption rate testing should be conducted in the vicinity of any proposed infiltration/retention/detention area.*
7. *Location and detail of proposed erosion & sediment control measures to be installed and maintained during construction activities.*
8. *Hydrologic calculations and a summary table showing the pre- and post-development runoff conditions for comparative purposes. Runoff calculations shall be prepared for the 2-, 10-, 25-, and 100-Year storm events for both the Existing and Proposed Conditions. These drainage calculations shall be prepared by utilizing the NRCS TR55 or TR20 Method.*
   a. *With a written request from the applicant, and at the full discretion of the Town of Arlington Engineering Division, certain small-scale projects may adequately demonstrate through simple runoff/storage calculations that the proposed stormwater mitigation is appropriate.*

9. The project has incorporated the requirements of the stormwater management plans and drainage report, as demonstrated by the technical analysis included in this report and Site Plans

Appendix A: Standard 1 Computations and Supporting Information

- Outlet Protection Sizing Calculation
- Pipe Sizing Calculations



Source: USDA-SCS Plate 3.18-3

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Pipe Sizing Calculations

The closed drainage system was designed for the 25-year storm event, in accordance with the Town's by-laws.

Drainage pipes were sized using Manning's Equation for full-flow capacity and the Rational Method. Additionally, the performance of the system was analyzed using StormCAD, a HEC-22 based program.

Pipe Sizing Calculations

Project	Proposed Self Storage Facility Arlington, MA	**Project #**	52816.00
Calculated by	MEA	**Date**	2/9/2022
Checked by		**Date**	

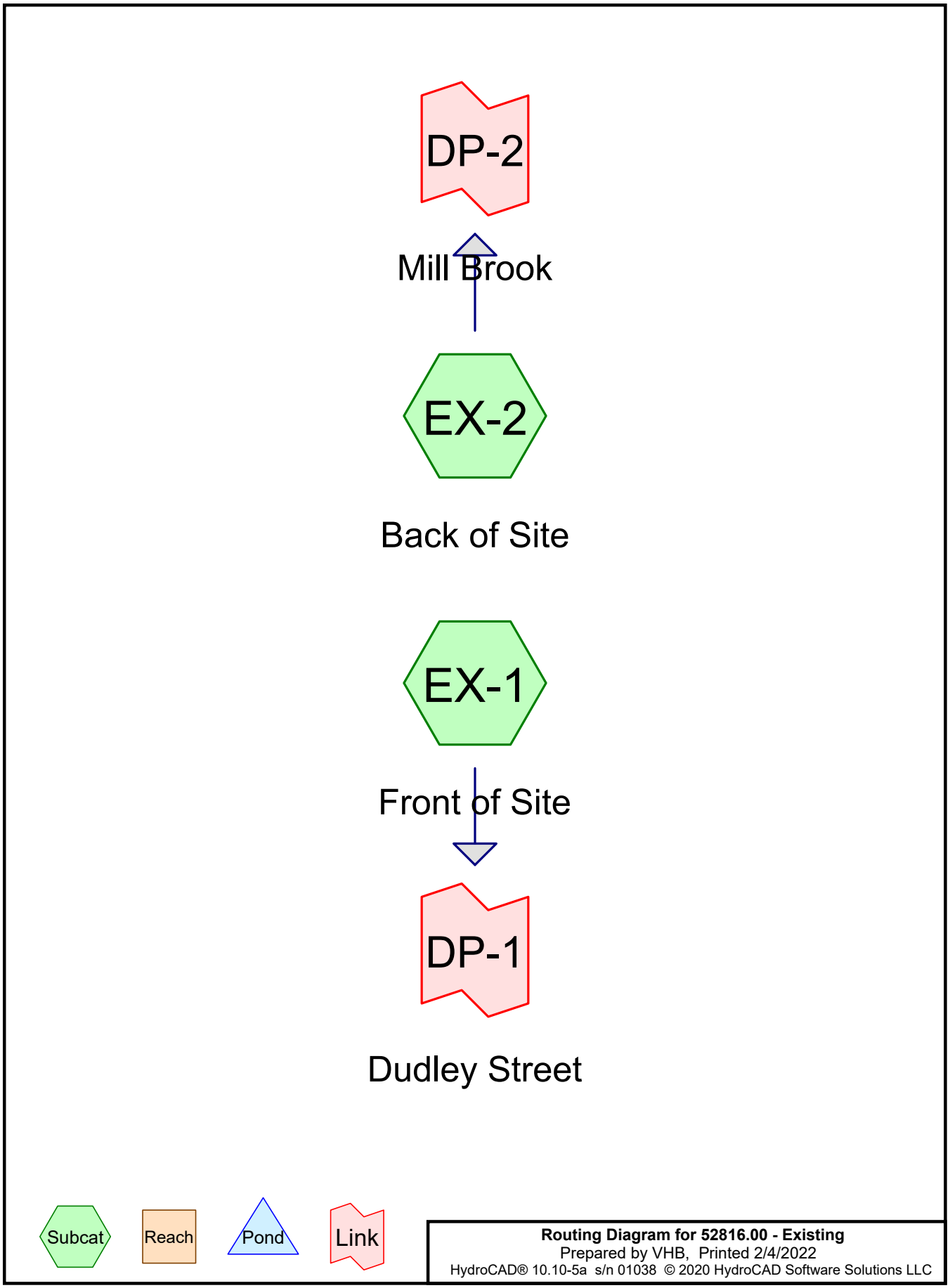
Start Node	Stop Node	Upstream Inlet Area	Upstream Inlet C	System CA	Time of Conc.	Intensity	Pipe Size	Material	Manning's "n"	Slope	Length	Capacity (Full Flow)	Flow (Design)	Velocity (Average)	Rim (Upper)	Hydraulic Grade Line In	Rim (Lower)	Hydraulic Grade Line Out	Invert (Upper)	Invert (Lower)
-	-	(acres)	-	(acres)	(min)	(in/hr)	(in)	-	-	(ft/ft)	(ft)	(cfs)	(cfs)	(ft/s)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
101 (DRAIN)	Mill Brook	(N/A)	(N/A)	0.012	7.14	7.41	12	HDPE Pipe	0.013	0.015	13.6	4.32	1.21	4.72	77.52	71.46	0.00	71.17	71.00	70.80
108 (AD)	112 (AD)	0.03	0.2	0.006	5.00	8.47	8	HDPE Pipe	0.013	0.017	110.1	1.59	0.05	2.09	78.53	75.60	76.58	73.68	75.50	73.60
112 (AD)	110 (DRAIN)	0.031	0.2	0.012	5.88	8.04	8	HDPE Pipe	0.013	0.017	72.2	1.56	0.10	2.50	76.58	73.64	78.34	72.41	73.50	72.30
110 (DRAIN)	111 (DRAIN)	(N/A)	(N/A)	0.012	6.36	7.80	8	HDPE Pipe	0.013	0.011	36.3	1.27	0.10	2.15	78.34	72.34	78.11	71.92	72.20	71.80
111 (DRAIN)	101 (DRAIN)	(N/A)	(N/A)	0.012	6.64	7.66	8	HDPE Pipe	0.013	0.010	61.4	1.19	0.10	2.05	78.11	71.84	77.52	71.46	71.70	71.10
MH-1	107	(N/A)	(N/A)	0.263	5.11	8.41	12	HDPE Pipe	0.013	0.014	14.6	4.17	2.23	5.40	76.40	75.64	78.06	75.34	75.00	74.80
102 (DRAIN)	Isolator Row	(N/A)	(N/A)	0.209	5.22	8.36	12	HDPE Pipe	0.013	0.012	7.4	3.98	2.18	5.18	77.94	70.53	75.05	70.42	69.90	69.85
103 (DRAIN)	102 (DRAIN)	(N/A)	(N/A)	0.000	0.08	8.47	12	HDPE Pipe	0.013	0.018	37.9	4.84	0.42	3.78	77.19	72.97	77.94	72.20	72.70	72.00
BEND	102 (DRAIN)	(N/A)	(N/A)	0.200	5.18	8.38	12	HDPE Pipe	0.013	0.017	11.5	4.70	1.69	5.50	76.51	75.55	77.94	75.24	75.00	74.80
104	102 (DRAIN)	0.009	0.9	0.008	5.00	8.47	12	HDPE Pipe	0.013	0.025	32.6	5.58	0.07	2.43	77.87	74.71	77.94	73.88	74.60	73.80
100 (DRAIN)	101 (DRAIN)	(N/A)	(N/A)	0.000	0.05	8.47	12	HDPE Pipe	0.013	0.005	85.4	2.44	1.12	3.04	77.49	71.98	77.52	71.55	71.50	71.10
STORMTECH	100 (DRAIN)	(N/A)	(N/A)	0.000	0.00	8.47	12	HDPE Pipe	0.013	0.012	8.7	3.98	1.12	1.43	75.05	71.98	77.49	71.98	69.85	69.80
106 (AD)	103 (DRAIN)	(N/A)	(N/A)	0.000	0.00	8.47	12	HDPE Pipe	0.013	0.024	18.7	5.53	0.42	4.16	76.25	73.52	77.19	72.99	73.25	72.80
RD	BEND	0.223	0.9	0.200	5.00	8.47	12	HDPE Pipe	0.013	0.017	60.0	4.60	1.71	5.42	76.88	76.56	76.51	75.42	76.00	75.00
RD	MH-1	0.106	0.9	0.095	5.00	8.47	8	HDPE Pipe	0.013	0.023	34.6	1.84	0.81	5.10	79.30	76.23	76.40	75.64	75.80	75.00
RD	MH-1	0.186	0.9	0.167	5.00	8.47	12	HDPE Pipe	0.013	0.043	10.3	7.36	1.43	7.26	78.87	75.71	76.40	75.64	75.20	75.00

Appendix B: Standard 2 Computations and Supporting Information

The rainfall-runoff response of the Site under existing and proposed conditions was evaluated for storm events with recurrence intervals of 2, 10, 25 and 100-years. Rainfall volumes used for this analysis were based on the Natural Resources Conservation Service (NRCS) Type III, 24-hour storm and NOAA Atlas 14 precipitation depths for the site: 3.27, 5.16, 6.35, and 8.16 inches, respectively. Runoff coefficients for the pre- and post-development conditions, as previously shown in Tables 2 and 3 respectively, were determined using NRCS Technical Release 55 (TR-55) methodology as provided in HydroCAD. Drainage areas used in the analyses were described in previous sections and shown on Figures 2 and 3. The HydroCAD model is based on the NRCS Technical Release 20 (TR-20) Model for Project Formulation Hydrology.

HydroCAD Analysis: Existing Conditions

2-Year Storm Event – Existing



Routing Diagram for 52816.00 - Existing
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52816.00 - Existing

Rainfall Events Listing

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2-year	Type III 24-hr		Default	24.00	1	3.27	2
2	10-year	Type III 24-hr		Default	24.00	1	5.16	2
3	25-year	Type III 24-hr		Default	24.00	1	6.35	2
4	100-year	Type III 24-hr		Default	24.00	1	8.16	2

52816.00 - Existing

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.017	89	<50% Grass cover, Poor, HSG D (EX-1, EX-2)
0.003	80	>75% Grass cover, Good, HSG D (EX-1)
0.475	98	Paved parking, HSG D (EX-1, EX-2)
0.251	98	Roofs, HSG D (EX-1, EX-2)
0.038	79	Woods, Fair, HSG D (EX-2)
0.783	**97**	**TOTAL AREA**

52816.00 - Existing
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Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.017	0.000	0.017	<50% Grass cover, Poor	EX-1, EX-2
0.000	0.000	0.000	0.003	0.000	0.003	>75% Grass cover, Good	EX-1
0.000	0.000	0.000	0.475	0.000	0.475	Paved parking	EX-1, EX-2
0.000	0.000	0.000	0.251	0.000	0.251	Roofs	EX-1, EX-2
0.000	0.000	0.000	0.038	0.000	0.038	Woods, Fair	EX-2
0.000	**0.000**	**0.000**	**0.783**	**0.000**	**0.783**	**TOTAL AREA**	

Summary for Subcatchment EX-1: Front of Site

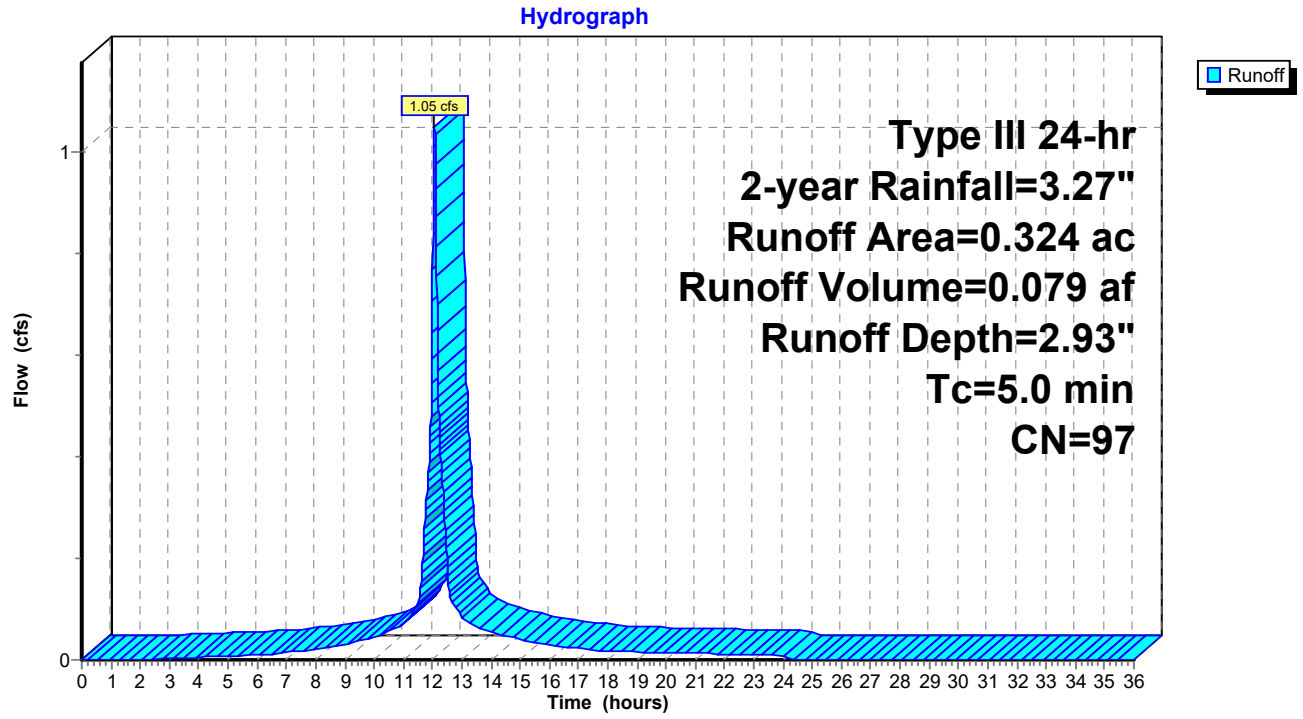
Runoff = 1.05 cfs @ 12.07 hrs, Volume= 0.079 af, Depth= 2.93"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year Rainfall=3.27"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

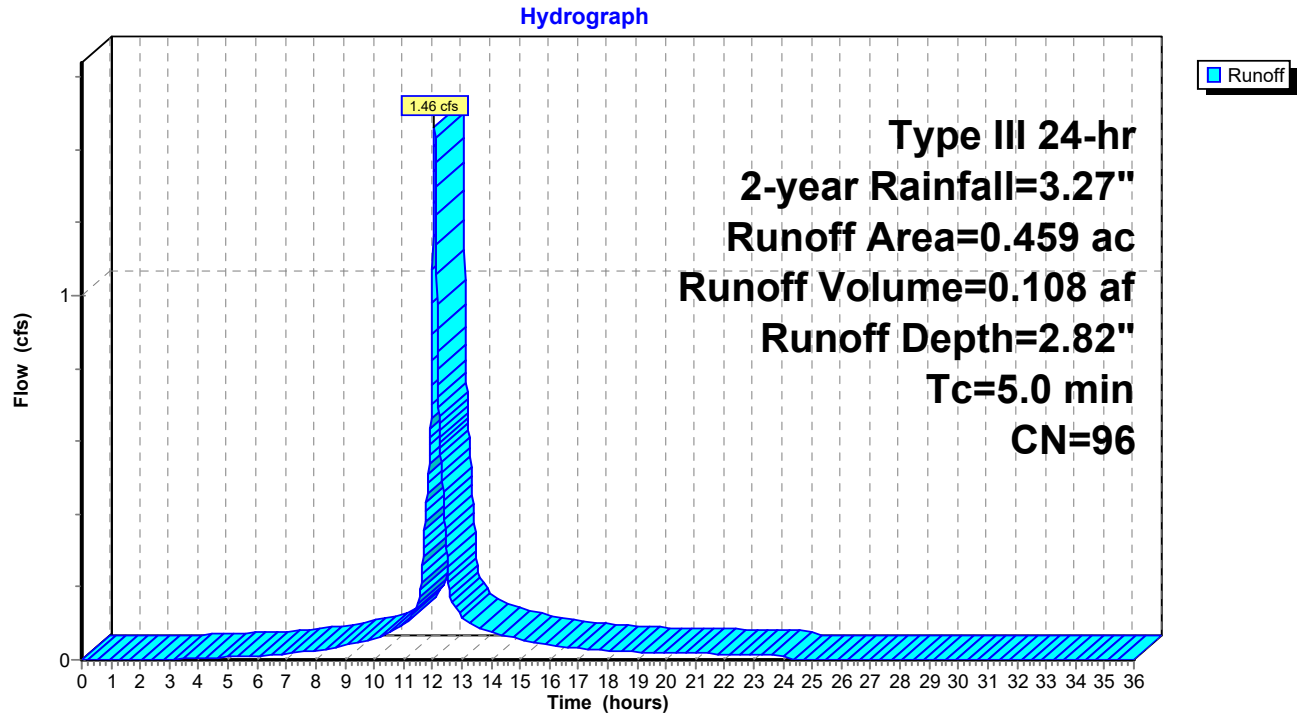
Runoff = 1.46 cfs @ 12.07 hrs, Volume= 0.108 af, Depth= 2.82"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year Rainfall=3.27"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

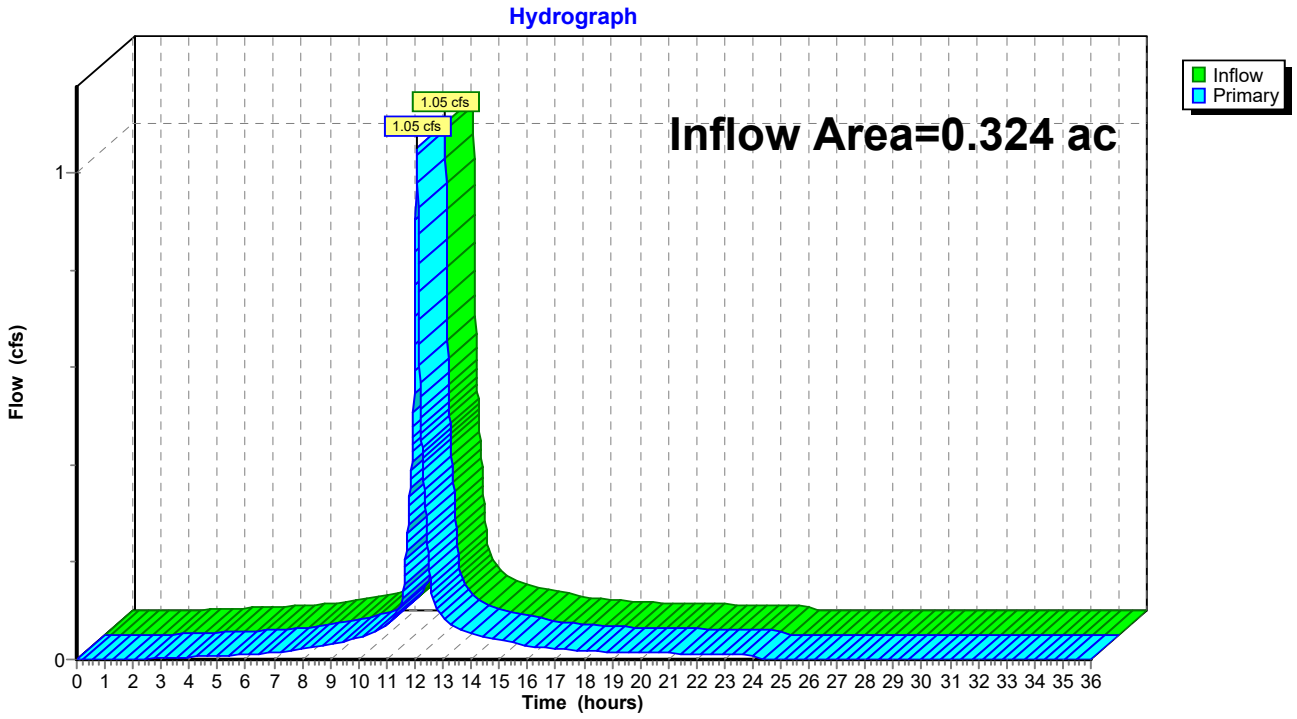


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 2.93" for 2-year event
Inflow = 1.05 cfs @ 12.07 hrs, Volume= 0.079 af
Primary = 1.05 cfs @ 12.07 hrs, Volume= 0.079 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

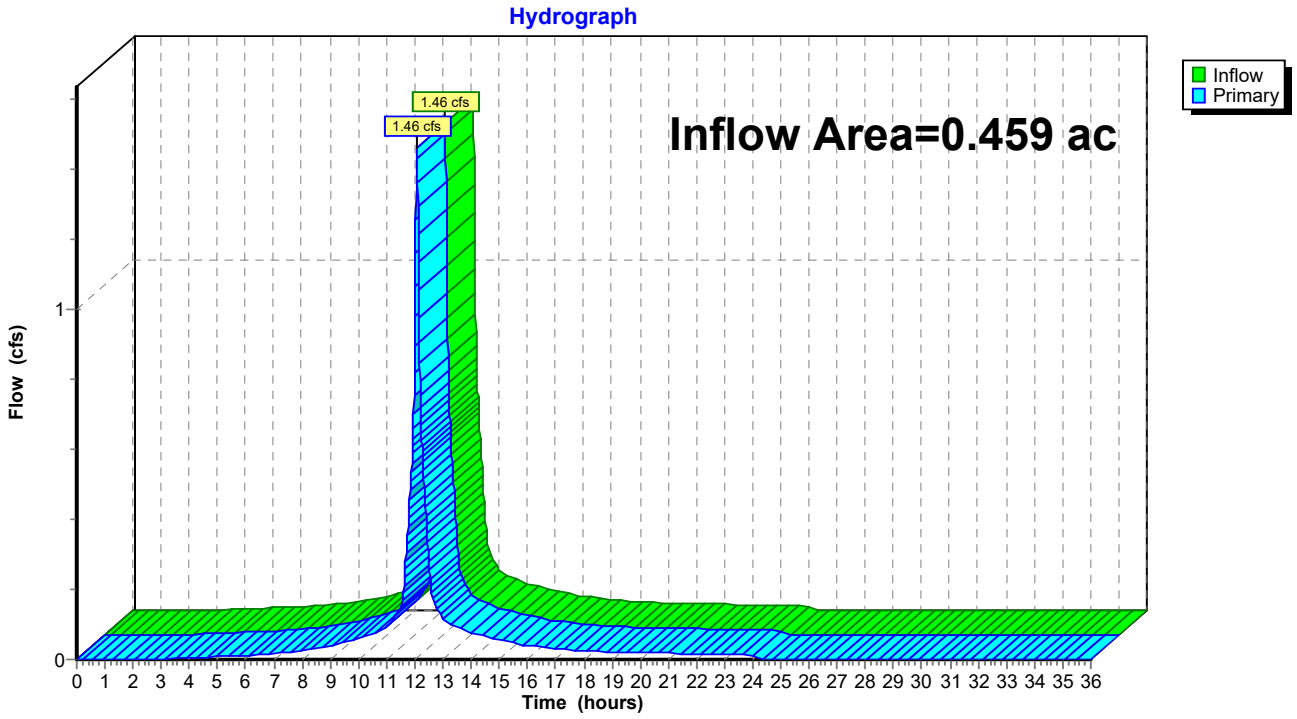


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 2.82" for 2-year event
Inflow = 1.46 cfs @ 12.07 hrs, Volume= 0.108 af
Primary = 1.46 cfs @ 12.07 hrs, Volume= 0.108 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



10-Year Storm Event – Existing

Summary for Subcatchment EX-1: Front of Site

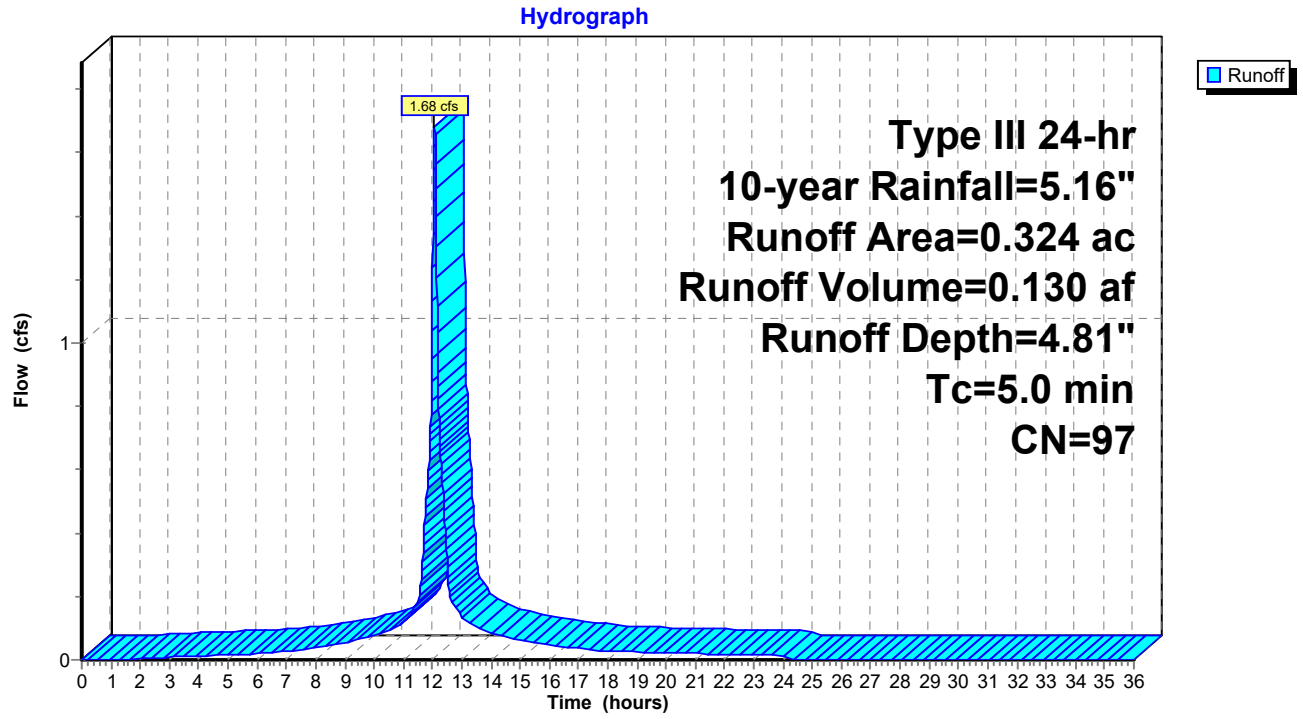
Runoff = 1.68 cfs @ 12.07 hrs, Volume= 0.130 af, Depth= 4.81"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year Rainfall=5.16"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

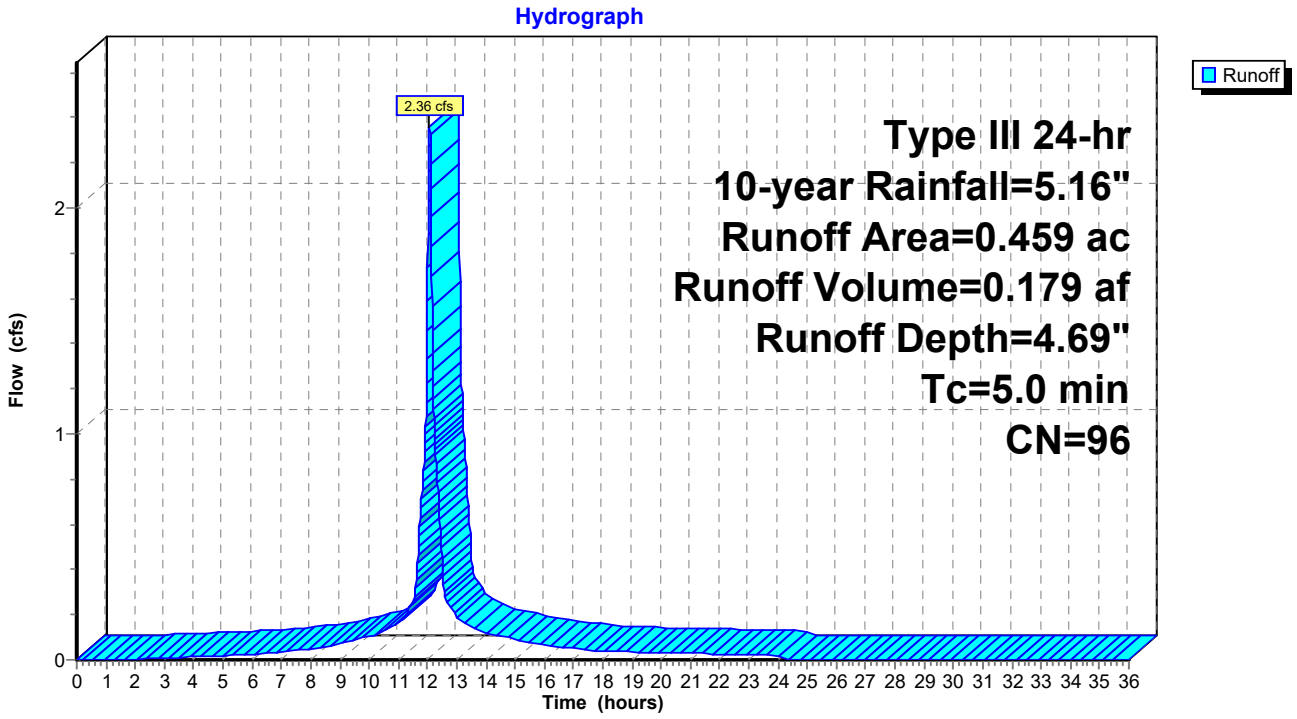
Runoff = 2.36 cfs @ 12.07 hrs, Volume= 0.179 af, Depth= 4.69"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year Rainfall=5.16"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

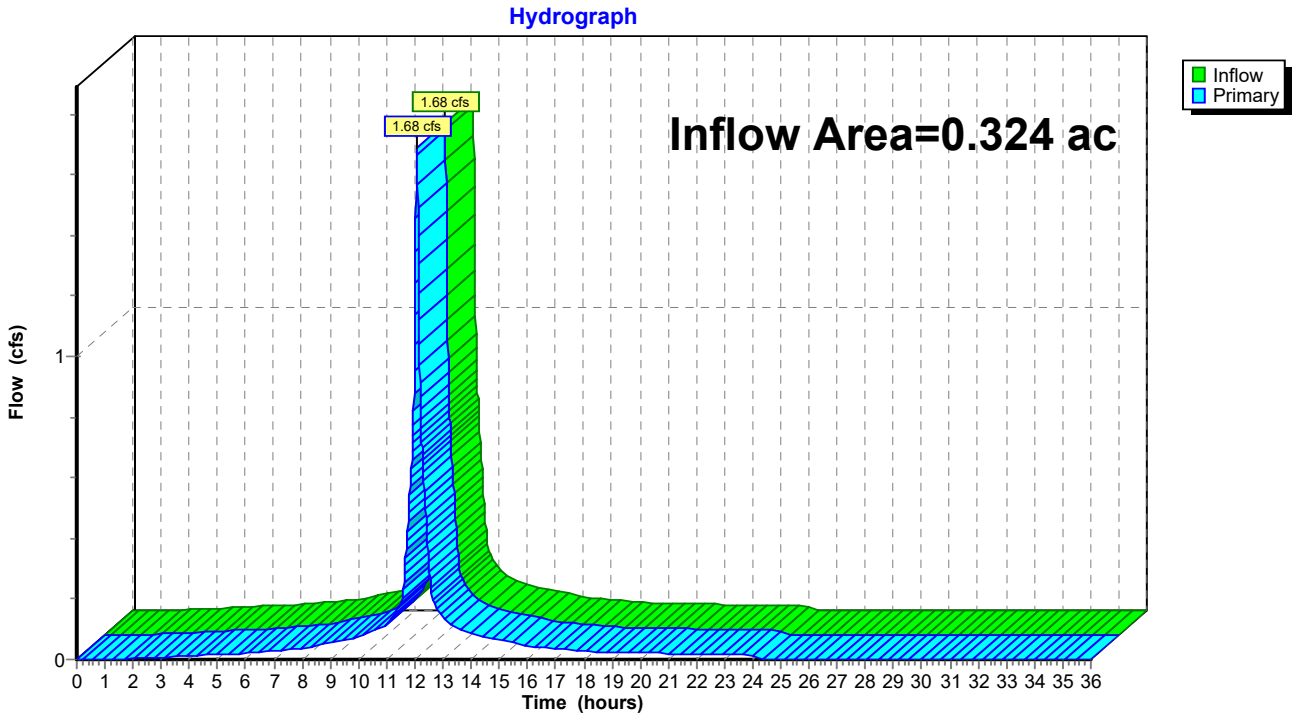


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 4.81" for 10-year event
Inflow = 1.68 cfs @ 12.07 hrs, Volume= 0.130 af
Primary = 1.68 cfs @ 12.07 hrs, Volume= 0.130 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

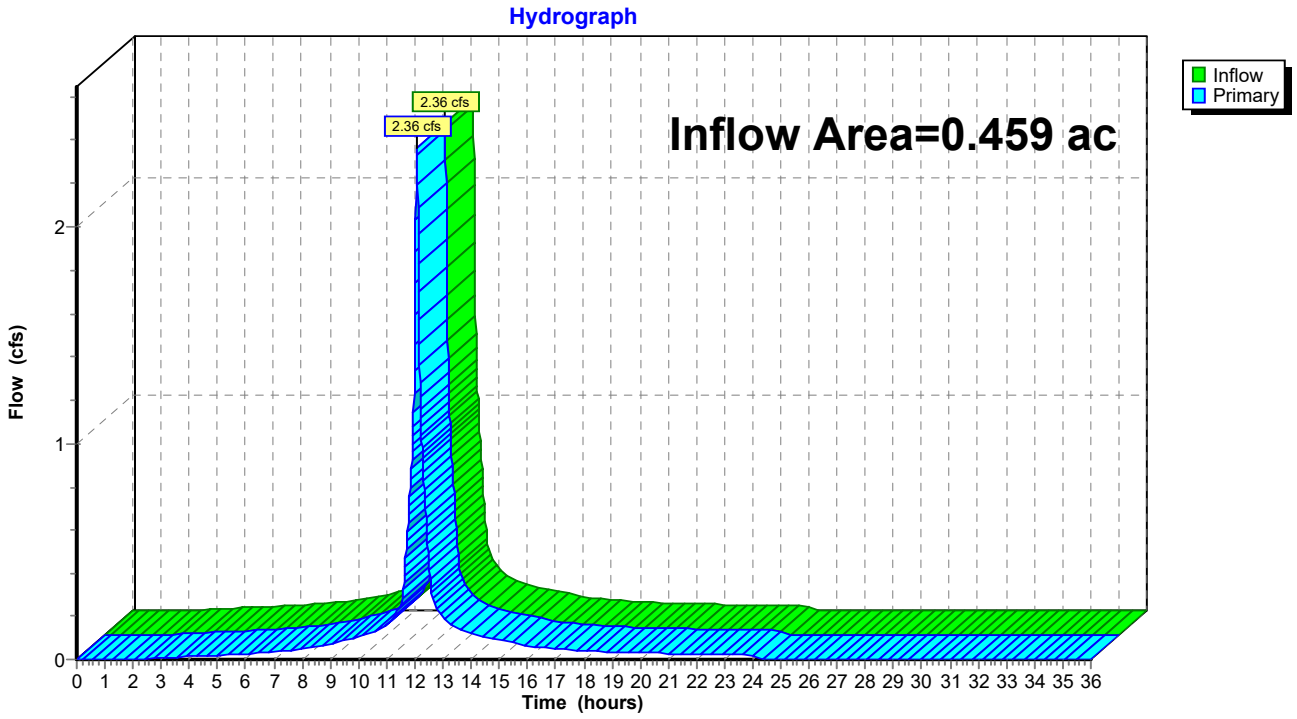


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 4.69" for 10-year event
Inflow = 2.36 cfs @ 12.07 hrs, Volume= 0.179 af
Primary = 2.36 cfs @ 12.07 hrs, Volume= 0.179 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



25-Year Storm Event – Existing

Summary for Subcatchment EX-1: Front of Site

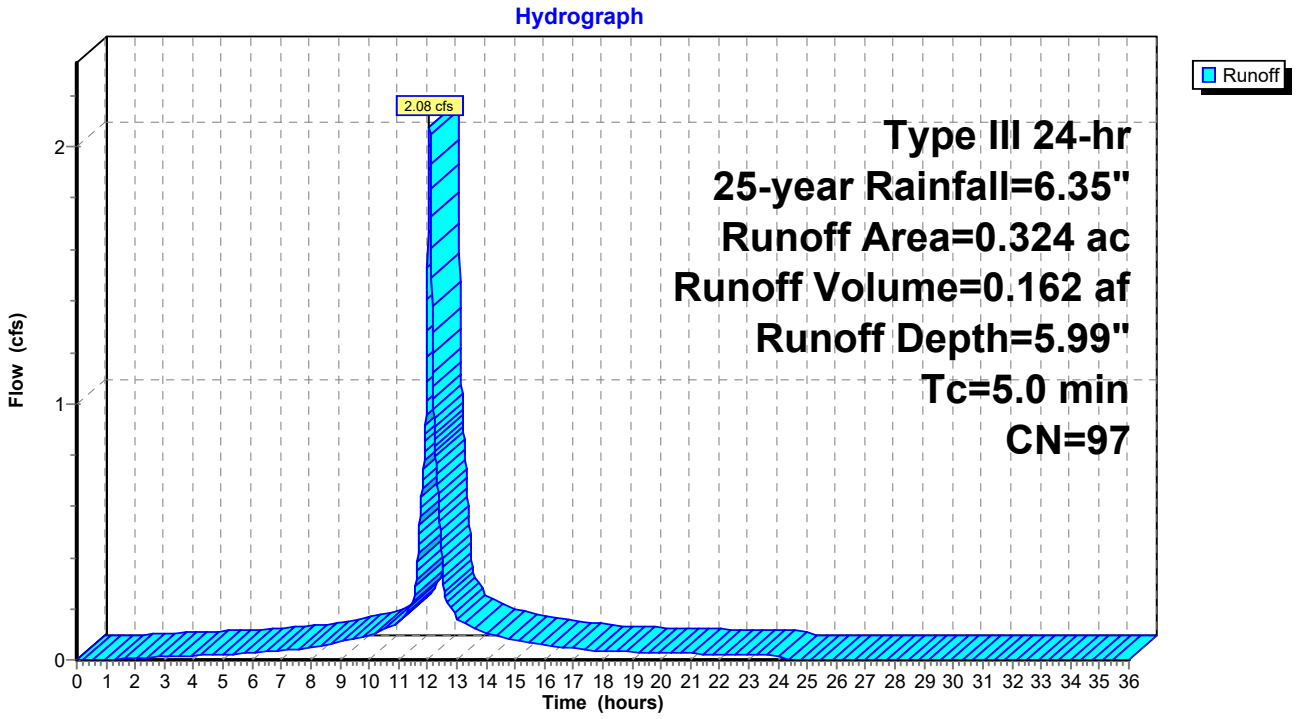
Runoff = 2.08 cfs @ 12.07 hrs, Volume= 0.162 af, Depth= 5.99"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year Rainfall=6.35"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

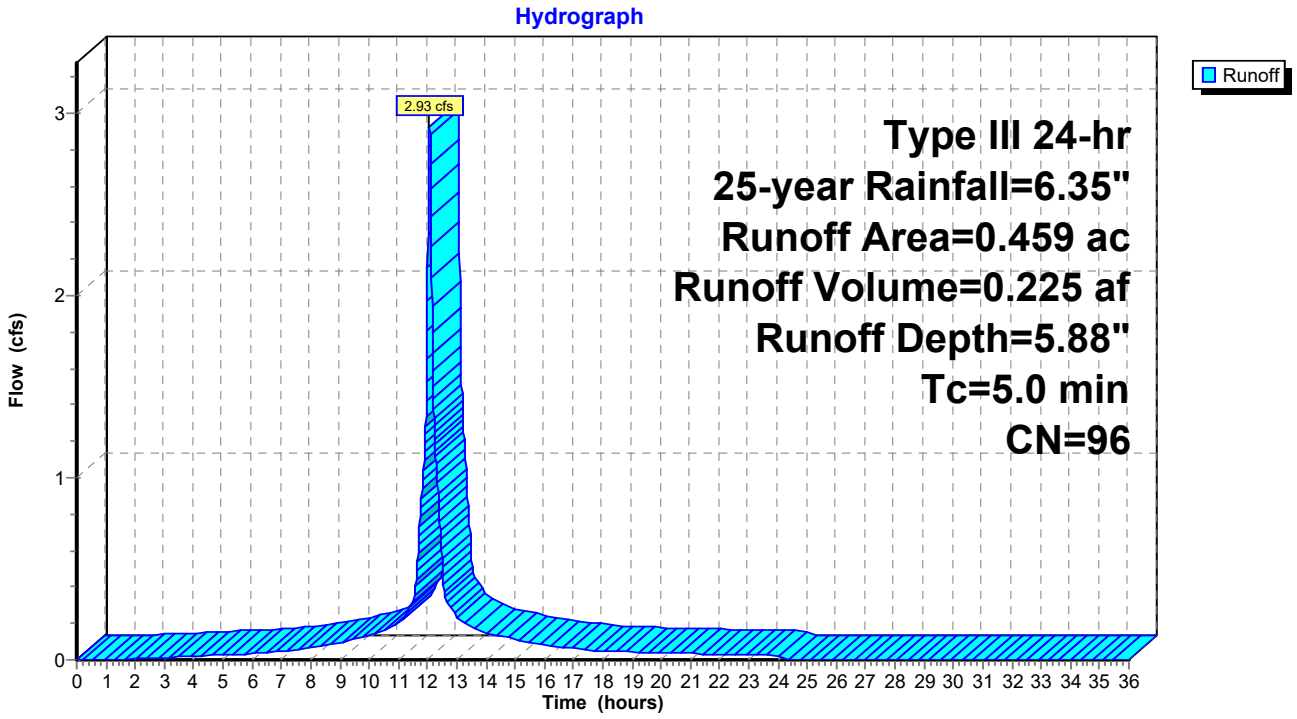
Runoff = 2.93 cfs @ 12.07 hrs, Volume= 0.225 af, Depth= 5.88"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year Rainfall=6.35"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

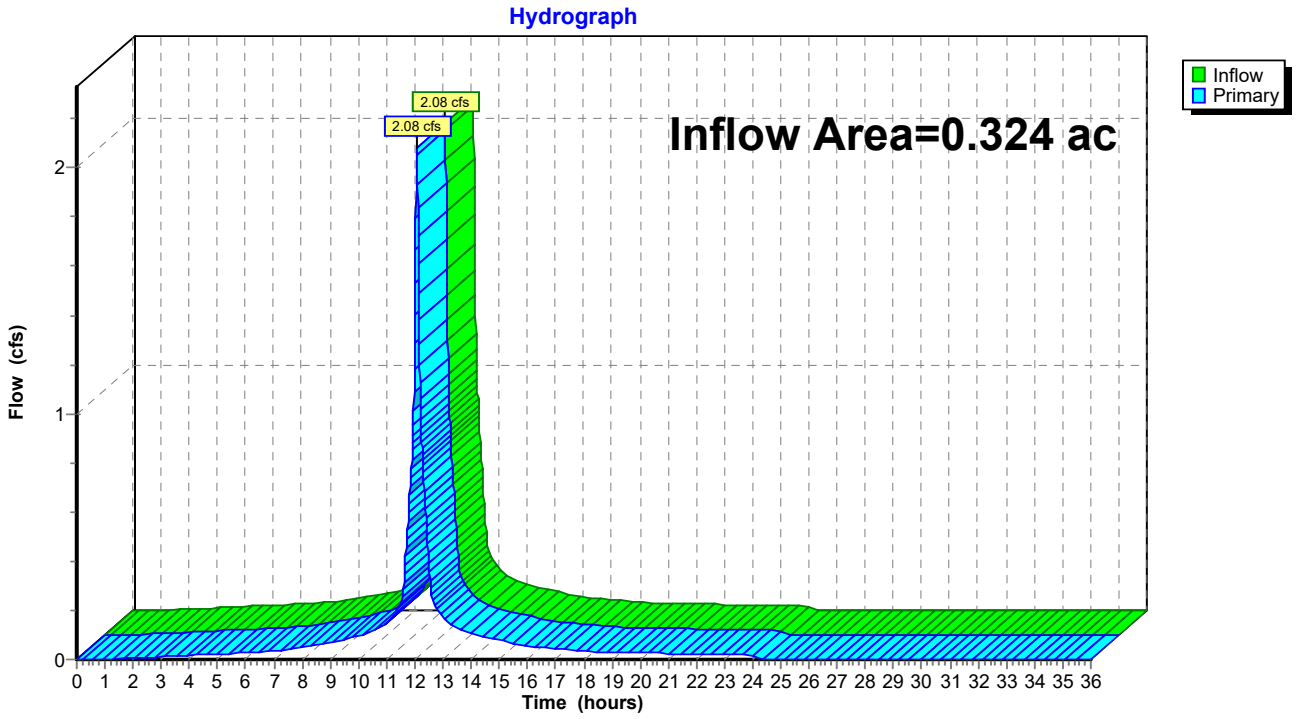


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 5.99" for 25-year event
Inflow = 2.08 cfs @ 12.07 hrs, Volume= 0.162 af
Primary = 2.08 cfs @ 12.07 hrs, Volume= 0.162 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

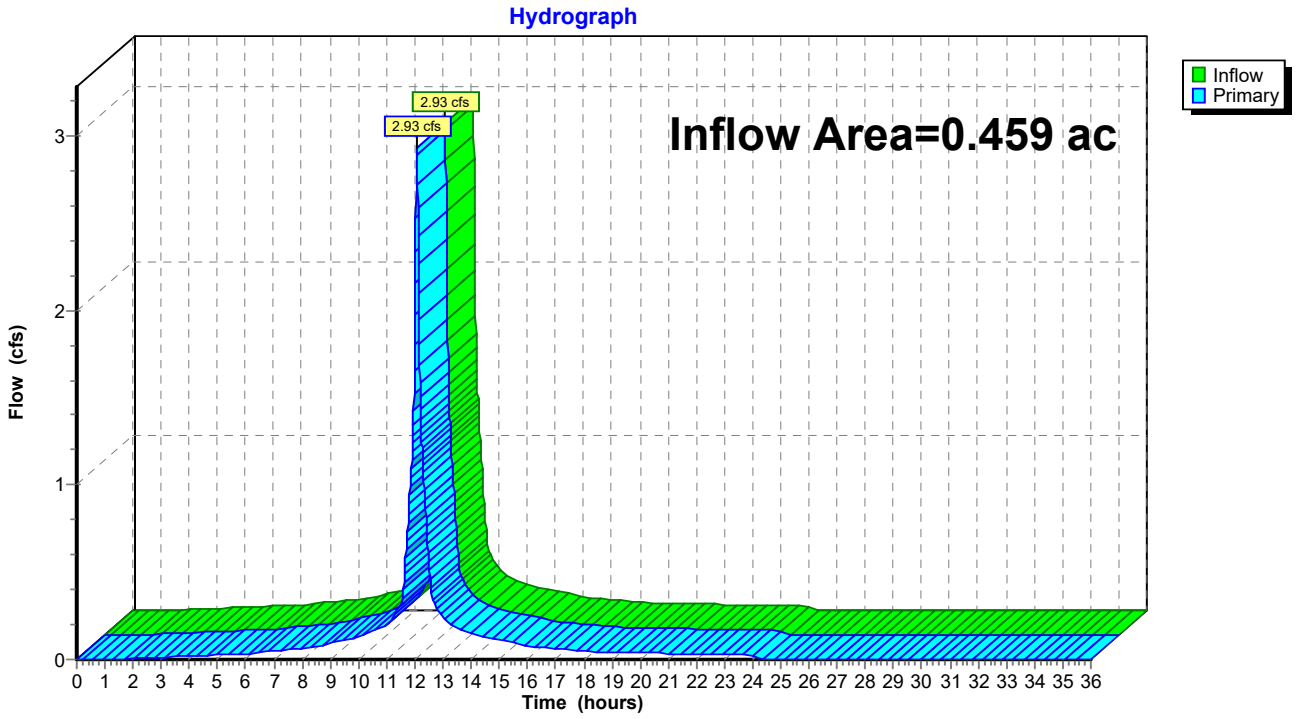


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 5.88" for 25-year event
Inflow = 2.93 cfs @ 12.07 hrs, Volume= 0.225 af
Primary = 2.93 cfs @ 12.07 hrs, Volume= 0.225 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



100-Year Storm Event – Existing

Summary for Subcatchment EX-1: Front of Site

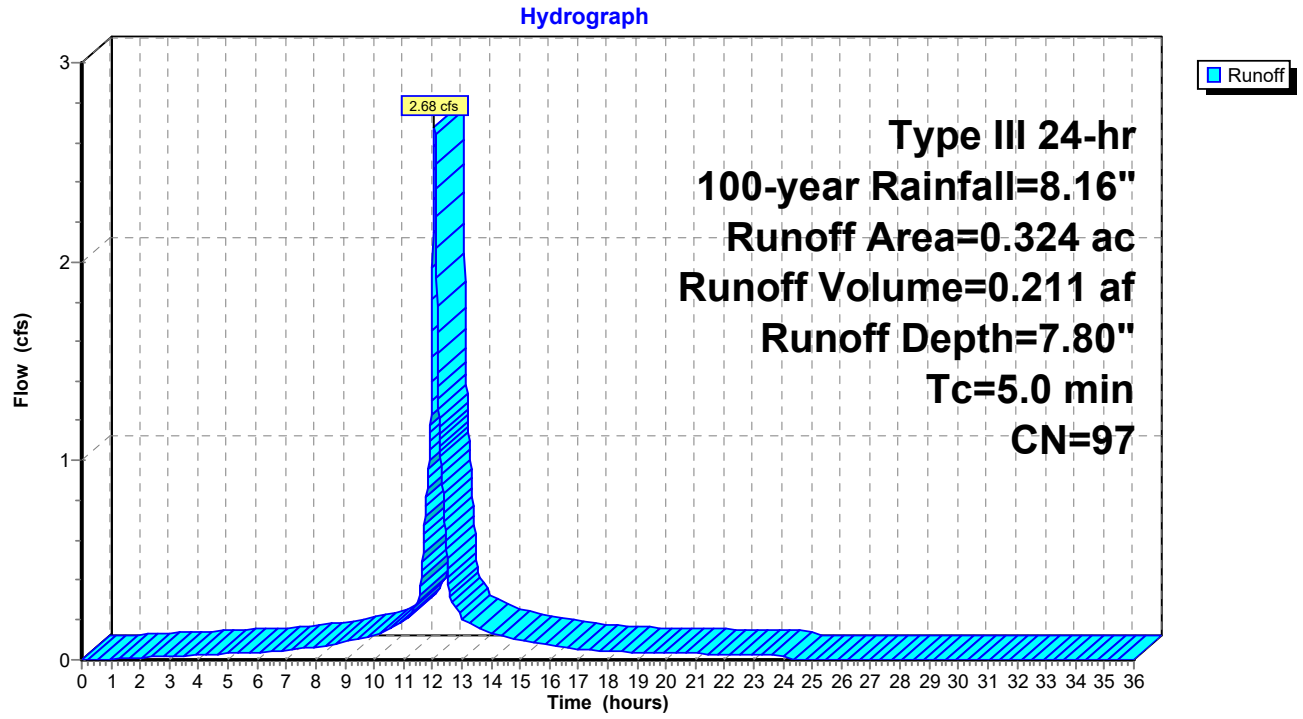
Runoff = 2.68 cfs @ 12.07 hrs, Volume= 0.211 af, Depth= 7.80"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year Rainfall=8.16"

Area (ac)	CN	Description
0.016	89	<50% Grass cover, Poor, HSG D
0.003	80	>75% Grass cover, Good, HSG D
0.179	98	Paved parking, HSG D
0.127	98	Roofs, HSG D
0.324	97	Weighted Average
0.019		5.74% Pervious Area
0.305		94.26% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-1: Front of Site



Summary for Subcatchment EX-2: Back of Site

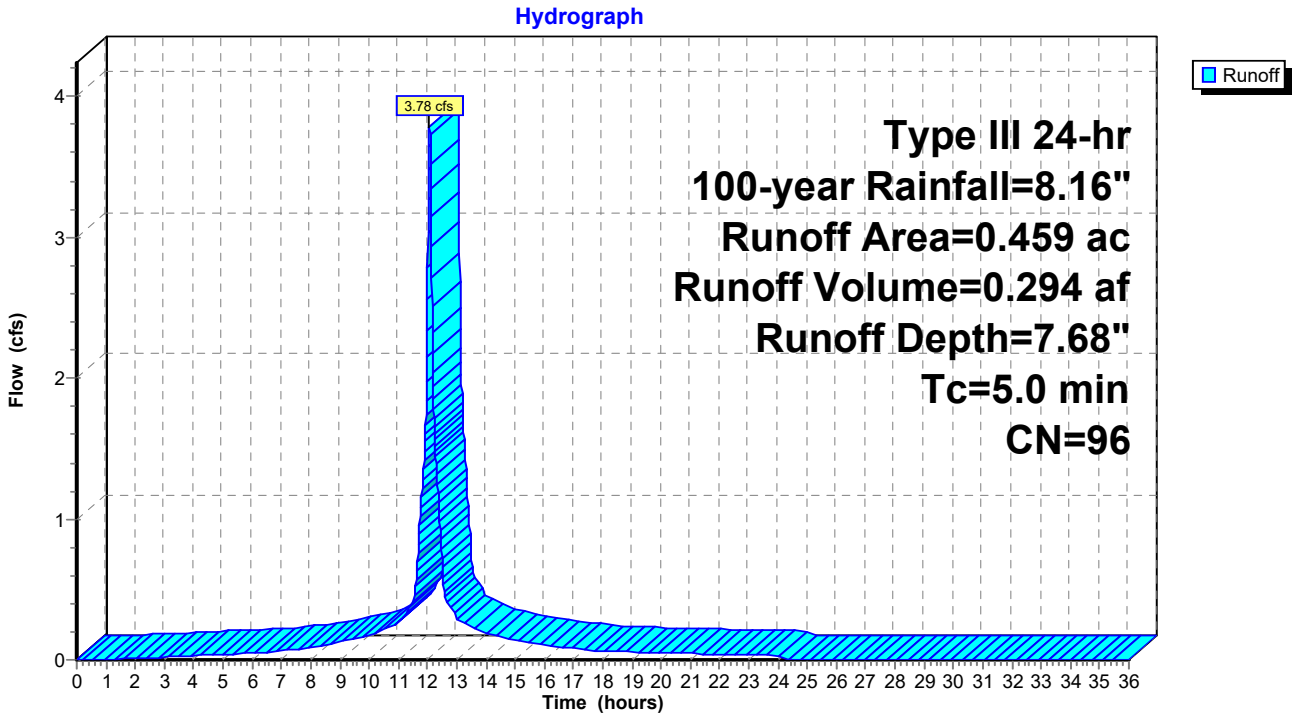
Runoff = 3.78 cfs @ 12.07 hrs, Volume= 0.294 af, Depth= 7.68"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year Rainfall=8.16"

Area (ac)	CN	Description
0.001	89	<50% Grass cover, Poor, HSG D
0.296	98	Paved parking, HSG D
0.124	98	Roofs, HSG D
0.038	79	Woods, Fair, HSG D
0.459	96	Weighted Average
0.039		8.53% Pervious Area
0.420		91.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment EX-2: Back of Site

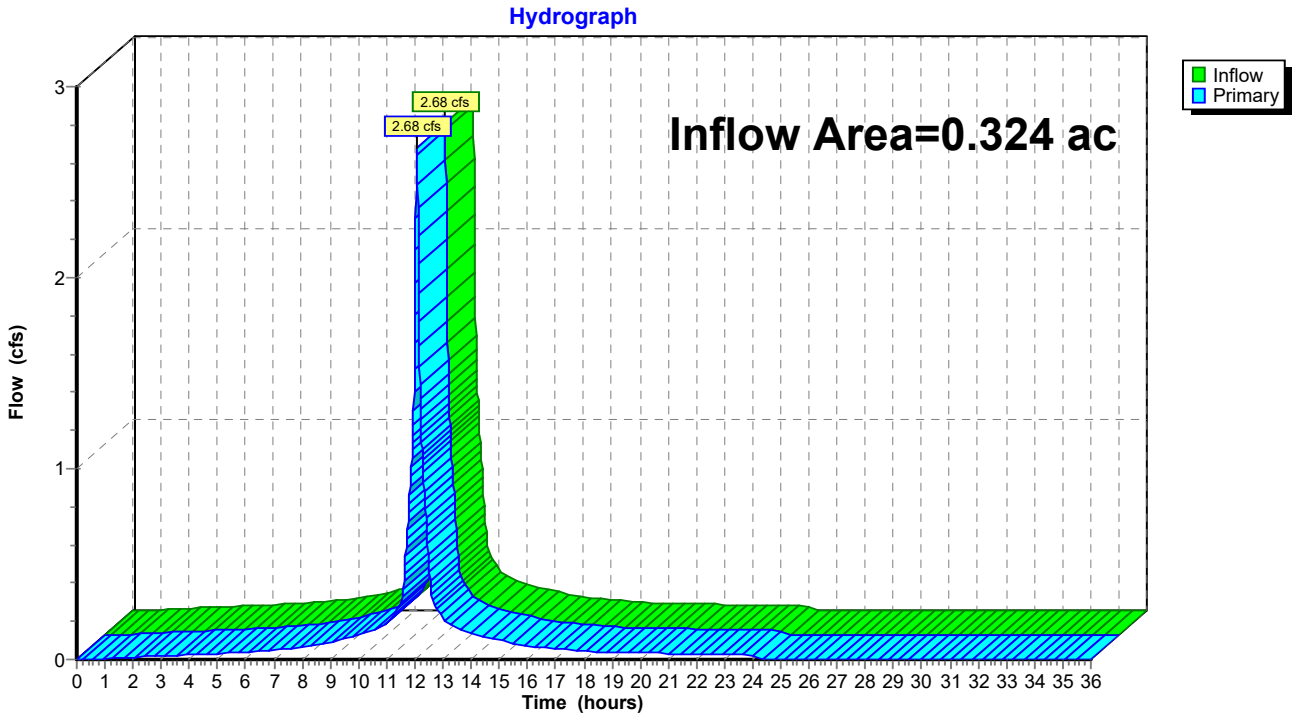


Summary for Link DP-1: Dudley Street

Inflow Area = 0.324 ac, 94.26% Impervious, Inflow Depth = 7.80" for 100-year event
Inflow = 2.68 cfs @ 12.07 hrs, Volume= 0.211 af
Primary = 2.68 cfs @ 12.07 hrs, Volume= 0.211 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

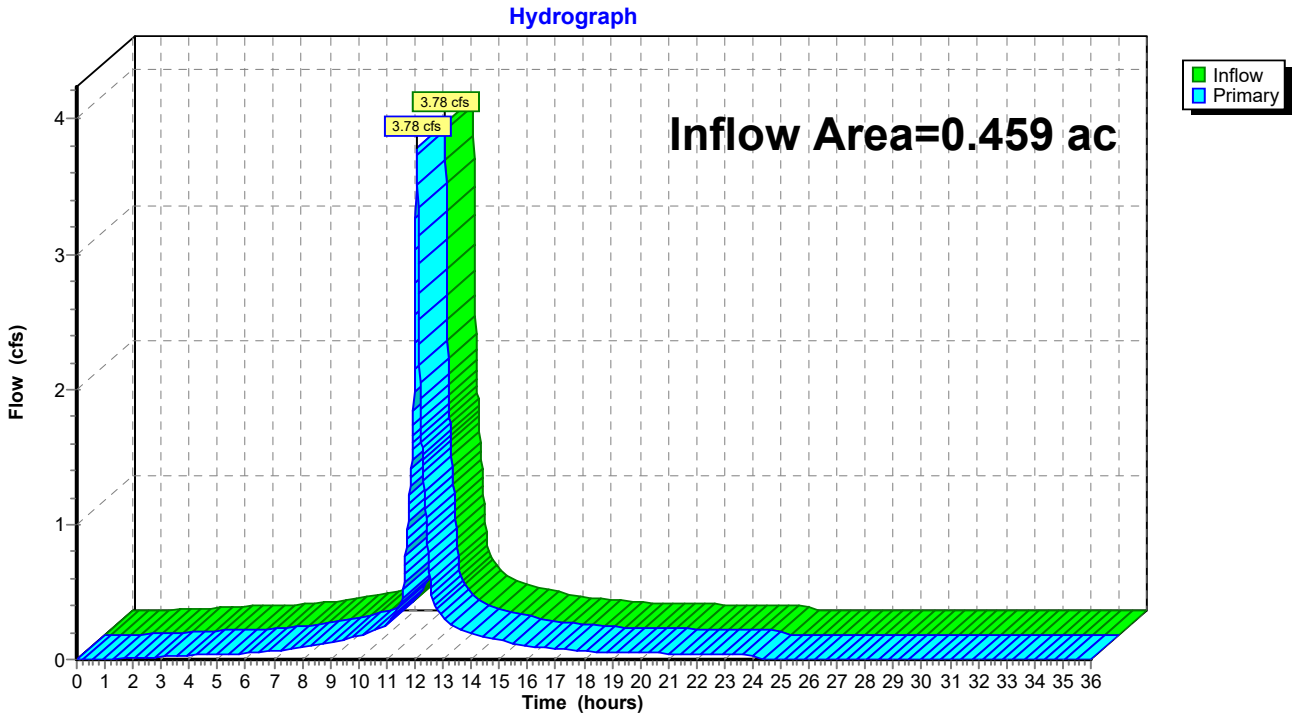


Summary for Link DP-2: Mill Brook

Inflow Area = 0.459 ac, 91.47% Impervious, Inflow Depth = 7.68" for 100-year event
Inflow = 3.78 cfs @ 12.07 hrs, Volume= 0.294 af
Primary = 3.78 cfs @ 12.07 hrs, Volume= 0.294 af, Atten= 0%, Lag= 0.0 min

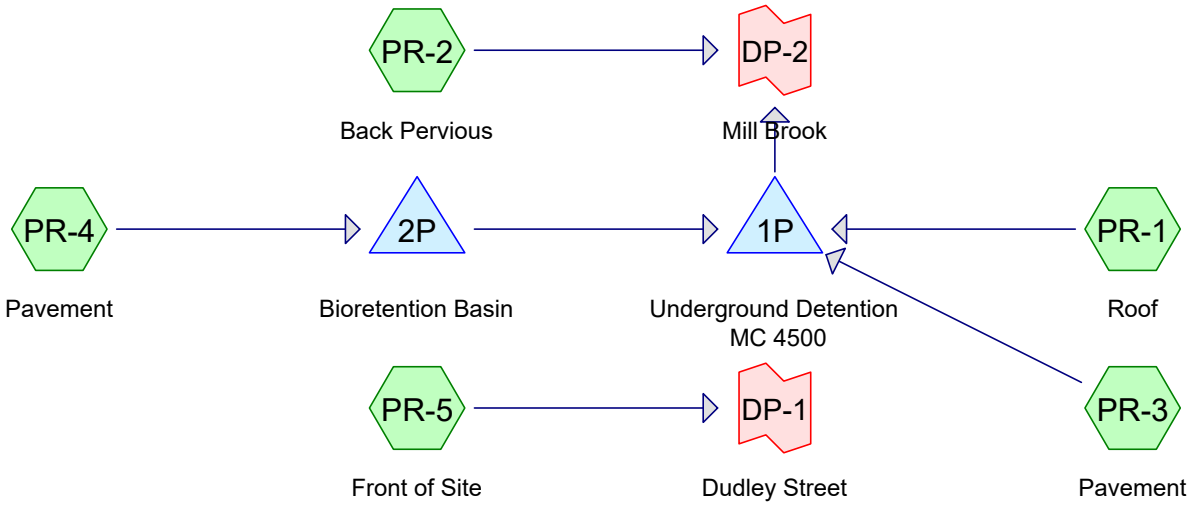
Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



HydroCAD Analysis: Proposed Conditions

2-Year Storm Event – Proposed



Subcat Reach Pond Link

Routing Diagram for 52816.00 - Proposed
Prepared by VHB, Printed 2/4/2022
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52816.00 - Proposed

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Rainfall Events Listing

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2-year	Type III 24-hr		Default	24.00	1	3.27	2
2	10-year	Type III 24-hr		Default	24.00	1	5.16	2
3	25-year	Type III 24-hr		Default	24.00	1	6.35	2
4	100-year	Type III 24-hr		Default	24.00	1	8.16	2

Area Listing (selected nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.179	80	>75% Grass cover, Good, HSG D (PR-2, PR-3, PR-5)
0.088	98	Paved parking, HSG D (PR-2, PR-3, PR-4, PR-5)
0.515	98	Roofs, HSG D (PR-1)
0.783	**94**	**TOTAL AREA**

52816.00 - Proposed
Prepared by VHB
Printed 2/4/2022
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Ground Covers (selected nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.000	0.179	0.000	0.179	>75% Grass cover, Good	PR-2, PR-3, PR-5
0.000	0.000	0.000	0.088	0.000	0.088	Paved parking	PR-2, PR-3, PR-4, PR-5
0.000	0.000	0.000	0.515	0.000	0.515	Roofs	PR-1
0.000	**0.000**	**0.000**	**0.783**	**0.000**	**0.783**	**TOTAL AREA**	

Summary for Subcatchment PR-1: Roof

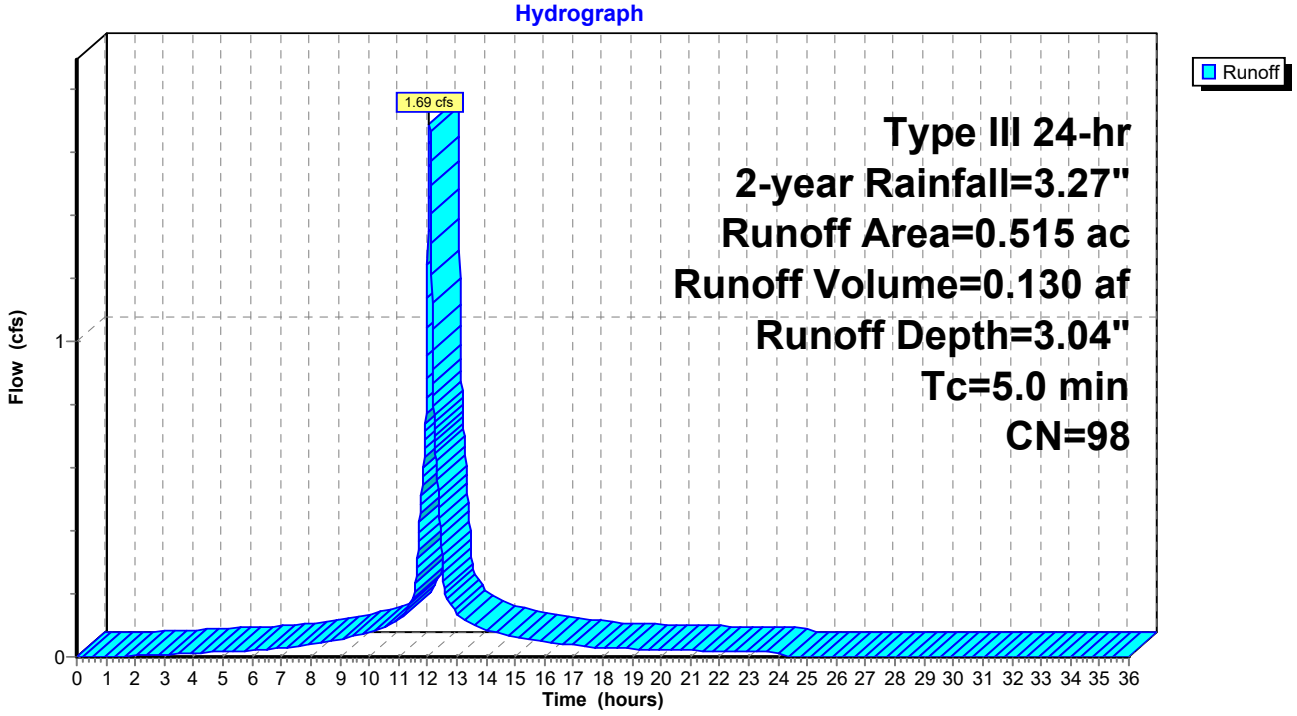
Runoff = 1.69 cfs @ 12.07 hrs, Volume= 0.130 af, Depth= 3.04"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year Rainfall=3.27"

Area (ac)	CN	Description
0.515	98	Roofs, HSG D
0.515		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2: Back Pervious

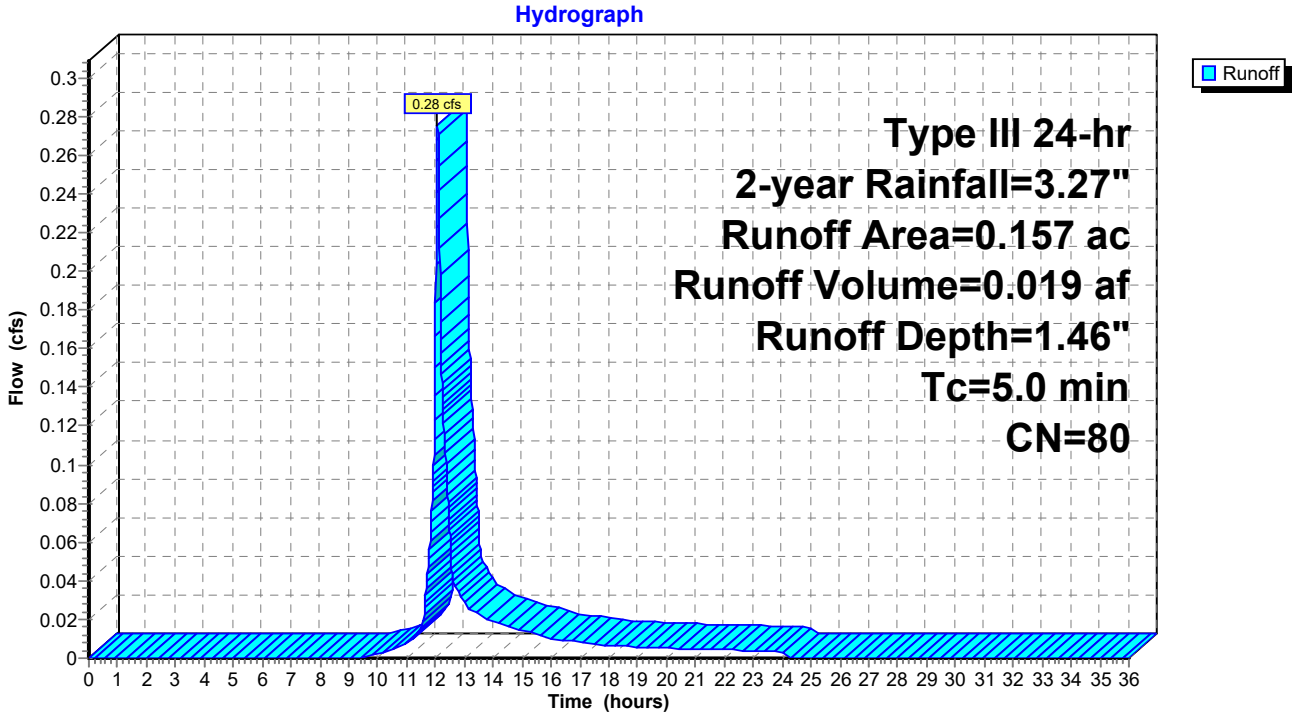
Runoff = 0.28 cfs @ 12.08 hrs, Volume= 0.019 af, Depth= 1.46"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year Rainfall=3.27"

Area (ac)	CN	Description
0.156	80	>75% Grass cover, Good, HSG D
0.001	98	Paved parking, HSG D
0.157	80	Weighted Average
0.156		99.07% Pervious Area
0.001		0.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2: Back Pervious



Summary for Subcatchment PR-3: Pavement

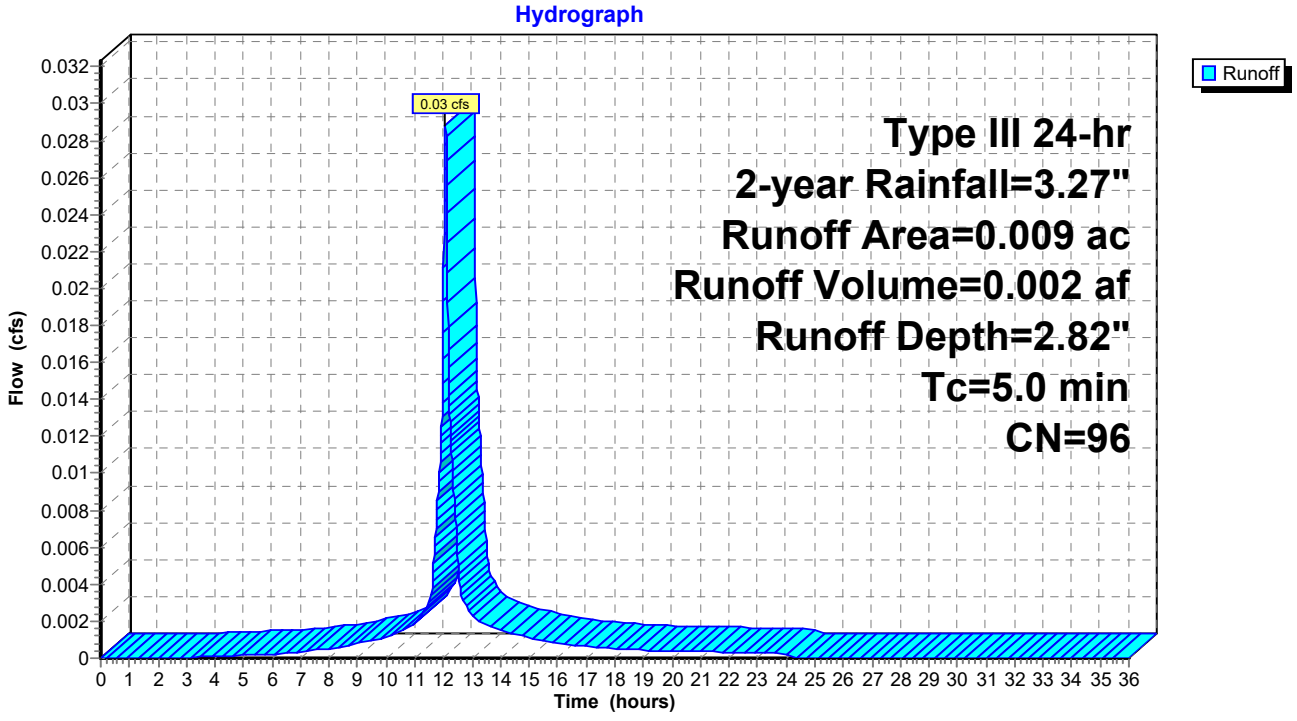
Runoff = 0.03 cfs @ 12.07 hrs, Volume= 0.002 af, Depth= 2.82"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year Rainfall=3.27"

Area (ac)	CN	Description
0.001	80	>75% Grass cover, Good, HSG D
0.008	98	Paved parking, HSG D
0.009	96	Weighted Average
0.001		10.00% Pervious Area
0.008		90.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

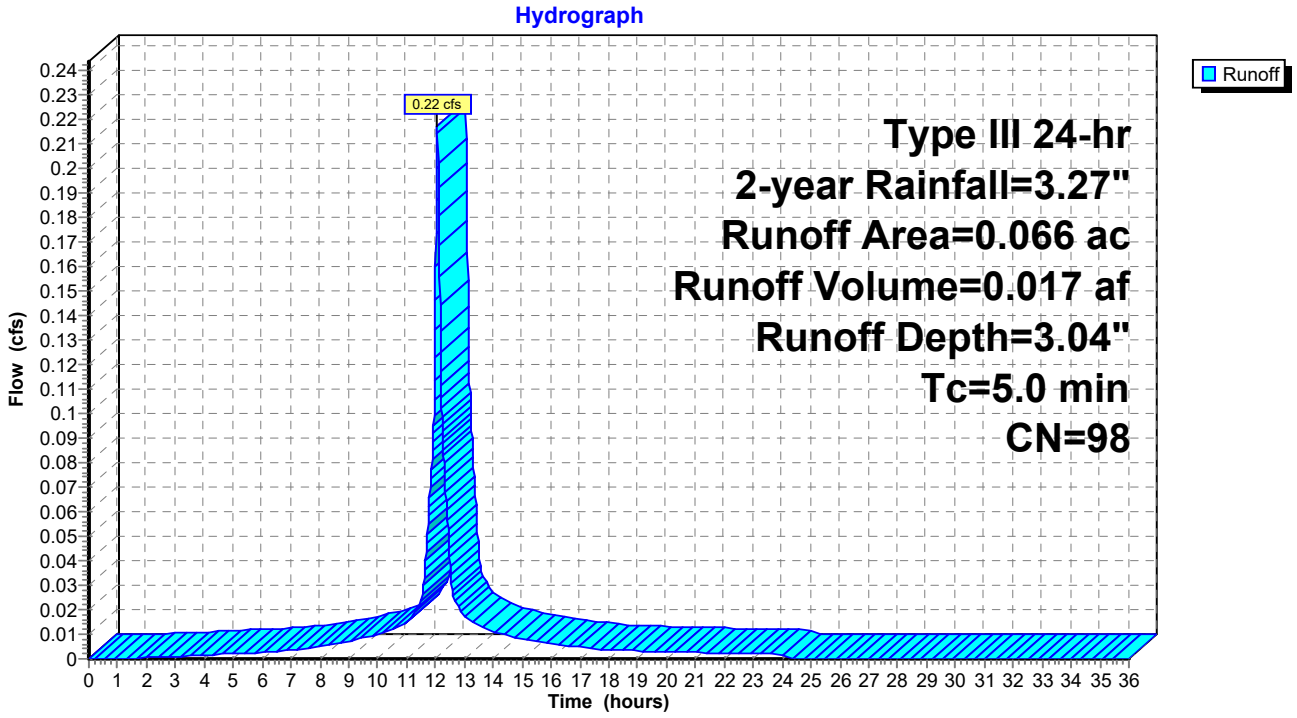
Runoff = 0.22 cfs @ 12.07 hrs, Volume= 0.017 af, Depth= 3.04"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year Rainfall=3.27"

Area (ac)	CN	Description
0.066	98	Paved parking, HSG D
0.066		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

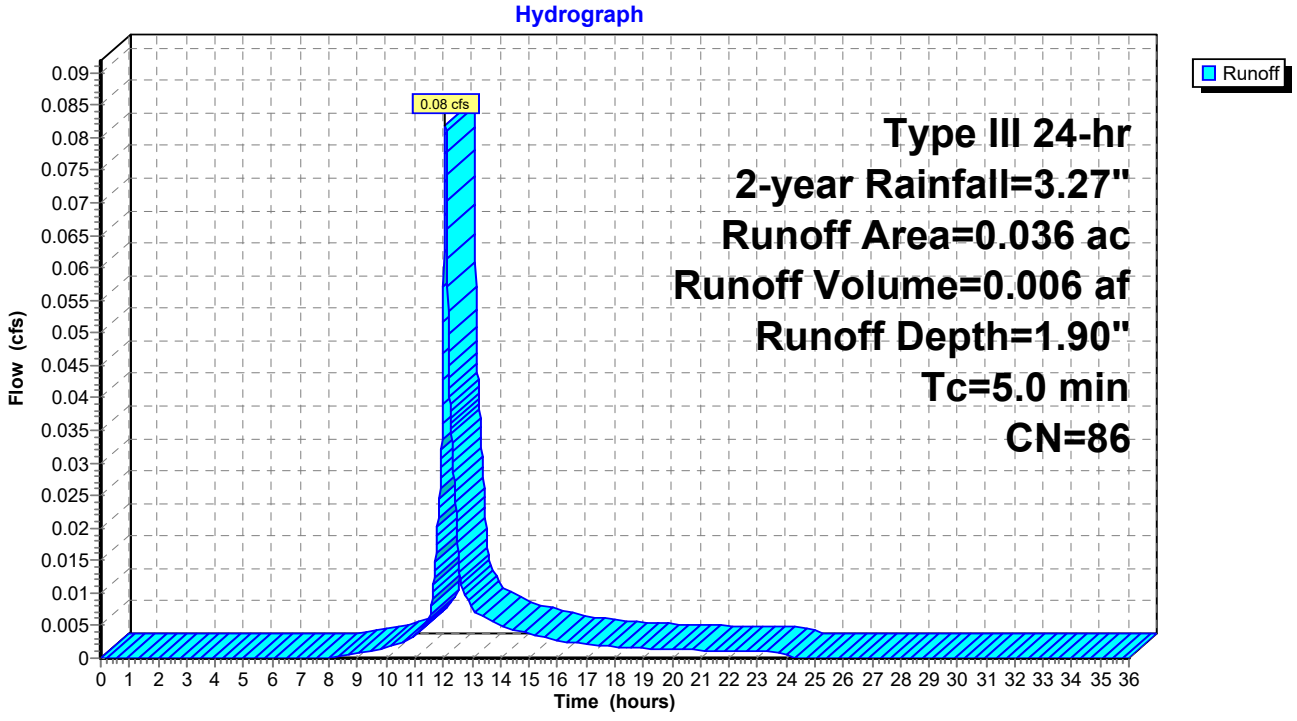
Runoff = 0.08 cfs @ 12.07 hrs, Volume= 0.006 af, Depth= 1.90"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 2-year Rainfall=3.27"

Area (ac)	CN	Description
0.023	80	>75% Grass cover, Good, HSG D
0.013	98	Paved parking, HSG D
0.036	86	Weighted Average
0.023		64.04% Pervious Area
0.013		35.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

Inflow Area = 0.590 ac, 99.85% Impervious, Inflow Depth = 2.84" for 2-year event
Inflow = 1.92 cfs @ 12.07 hrs, Volume= 0.140 af
Outflow = 0.52 cfs @ 12.40 hrs, Volume= 0.140 af, Atten= 73%, Lag= 19.8 min
Discarded = 0.06 cfs @ 9.40 hrs, Volume= 0.109 af
Primary = 0.46 cfs @ 12.40 hrs, Volume= 0.030 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 72.20' @ 12.40 hrs Surf.Area= 1,112 sf Storage= 2,371 cf

Plug-Flow detention time= 223.8 min calculated for 0.140 af (100% of inflow)
Center-of-Mass det. time= 223.8 min (977.9 - 754.1)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	1,939 cf	**Custom Stage Data (Irregular)** Listed below 7,506 cf Overall - 2,659 cf Embedded = 4,847 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		4,598 cf	Total Available Storage

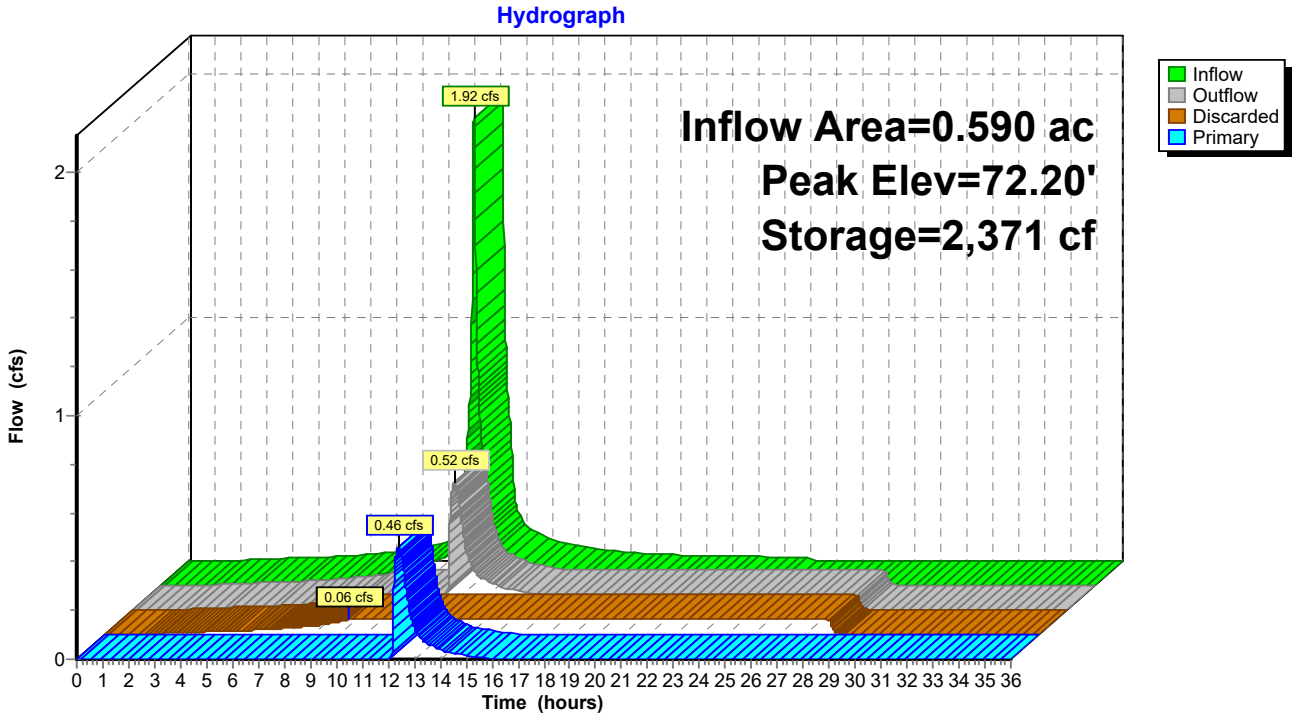
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,112	146.5	0	0	1,112
75.85	1,112	146.5	7,506	7,506	2,101

Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.0" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.70'	**6.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Device 1	75.80'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.06 cfs @ 9.40 hrs HW=69.17' (Free Discharge)
└**5=Exfiltration** (Exfiltration Controls 0.06 cfs)

Primary OutFlow Max=0.46 cfs @ 12.40 hrs HW=72.20' (Free Discharge)
└**1=Culvert** (Passes 0.46 cfs of 0.71 cfs potential flow)
  ├**2=Orifice/Grate** (Orifice Controls 0.46 cfs @ 2.76 fps)
  ├**3=Orifice/Grate** (Controls 0.00 cfs)
  └**4=Sharp-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.066 ac,100.00% Impervious, Inflow Depth = 3.04" for 2-year event
Inflow = 0.22 cfs @ 12.07 hrs, Volume= 0.017 af
Outflow = 0.21 cfs @ 12.08 hrs, Volume= 0.017 af, Atten= 2%, Lag= 0.8 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.010 af
Primary = 0.20 cfs @ 12.08 hrs, Volume= 0.007 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.32' @ 12.08 hrs Surf.Area= 213 sf Storage= 81 cf

Plug-Flow detention time= 51.9 min calculated for 0.017 af (100% of inflow)
Center-of-Mass det. time= 51.9 min (806.9 - 755.0)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

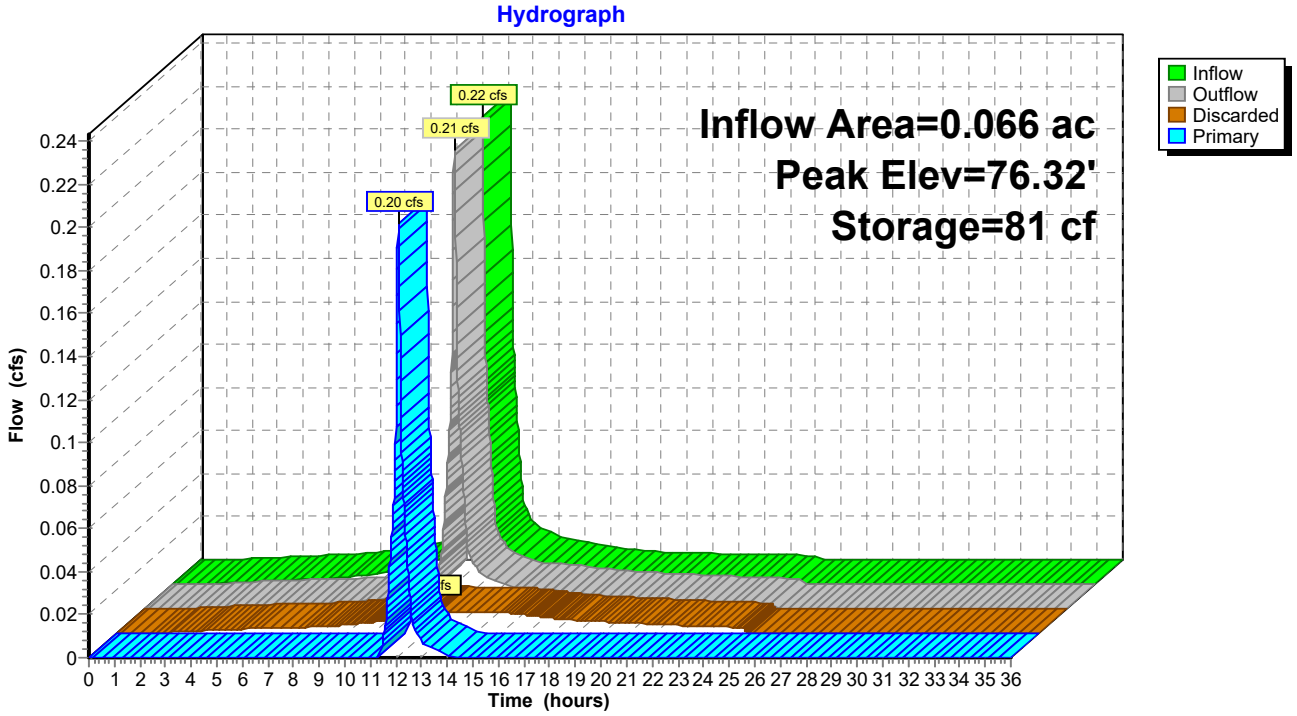
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.32' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.20 cfs @ 12.08 hrs HW=76.32' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.20 cfs of 2.94 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.20 cfs @ 0.88 fps)

Pond 2P: Bioretention Basin

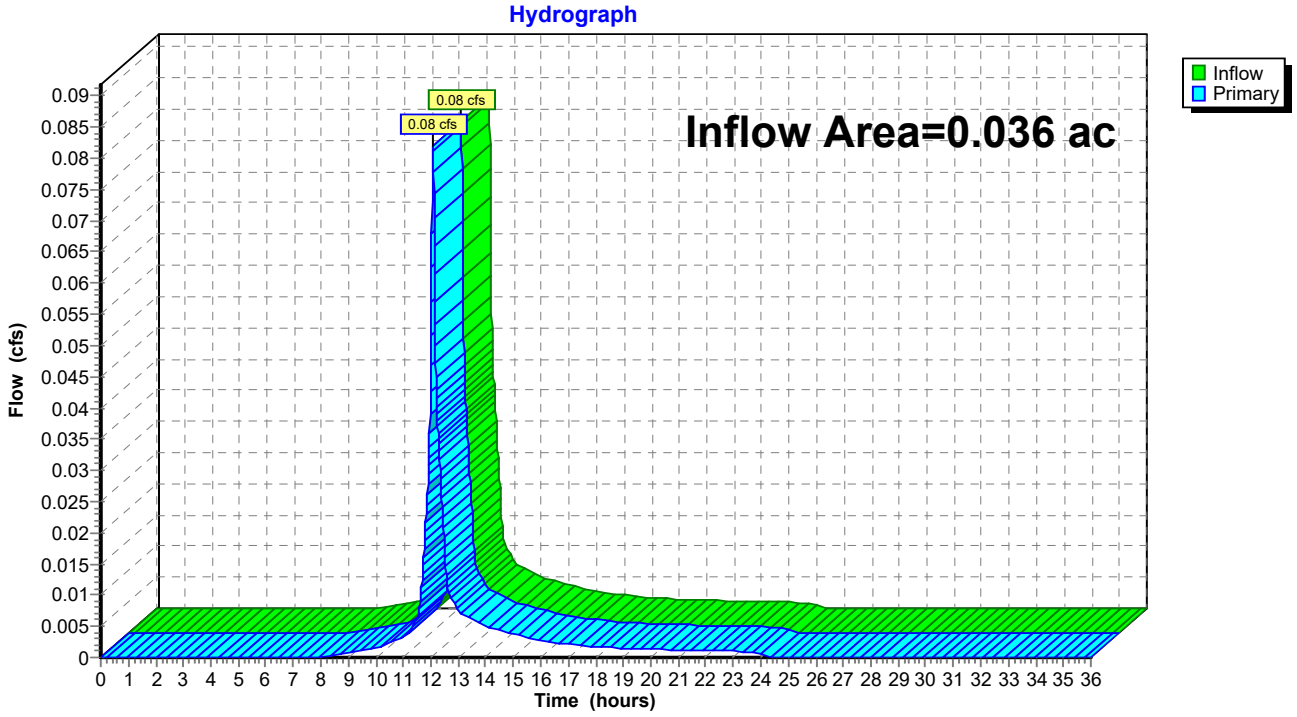


Summary for Link DP-1: Dudley Street

Inflow Area = 0.036 ac, 35.96% Impervious, Inflow Depth = 1.90" for 2-year event
Inflow = 0.08 cfs @ 12.07 hrs, Volume= 0.006 af
Primary = 0.08 cfs @ 12.07 hrs, Volume= 0.006 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

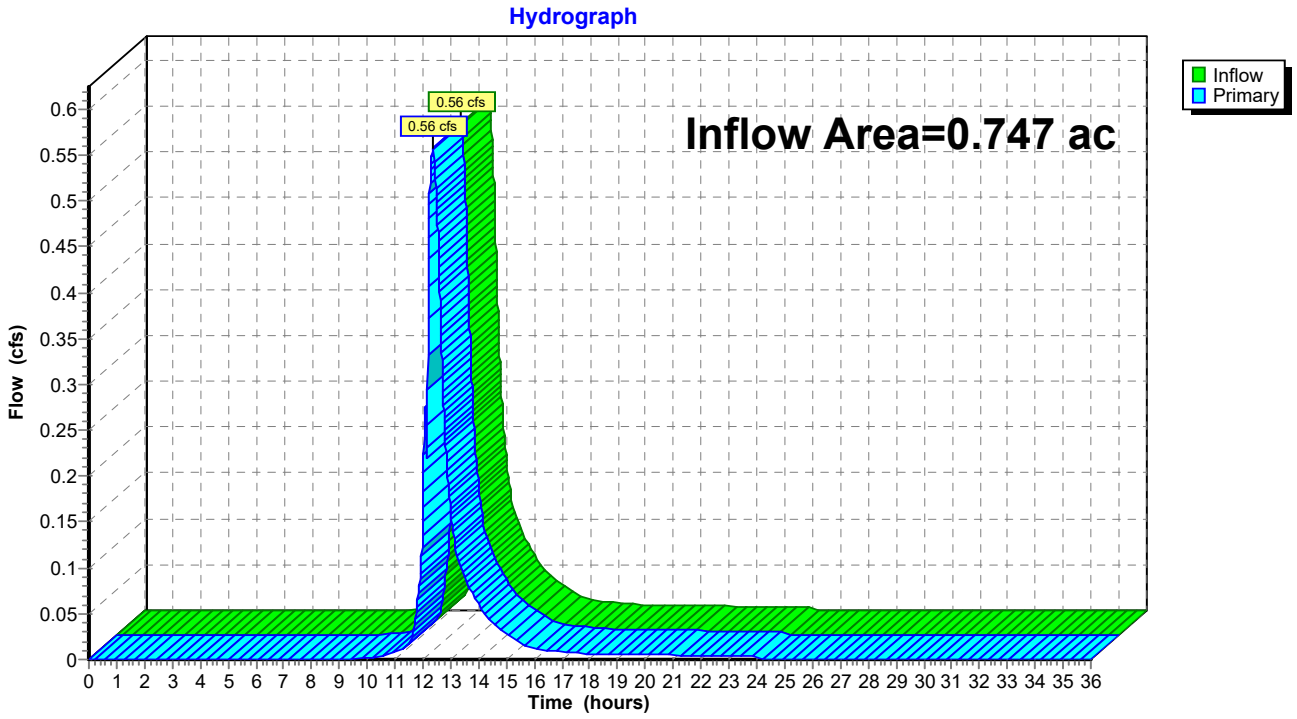


Summary for Link DP-2: Mill Brook

Inflow Area = 0.747 ac, 79.04% Impervious, Inflow Depth = 0.80" for 2-year event
Inflow = 0.56 cfs @ 12.36 hrs, Volume= 0.050 af
Primary = 0.56 cfs @ 12.36 hrs, Volume= 0.050 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



10-Year Storm Event – Proposed

Summary for Subcatchment PR-1: Roof

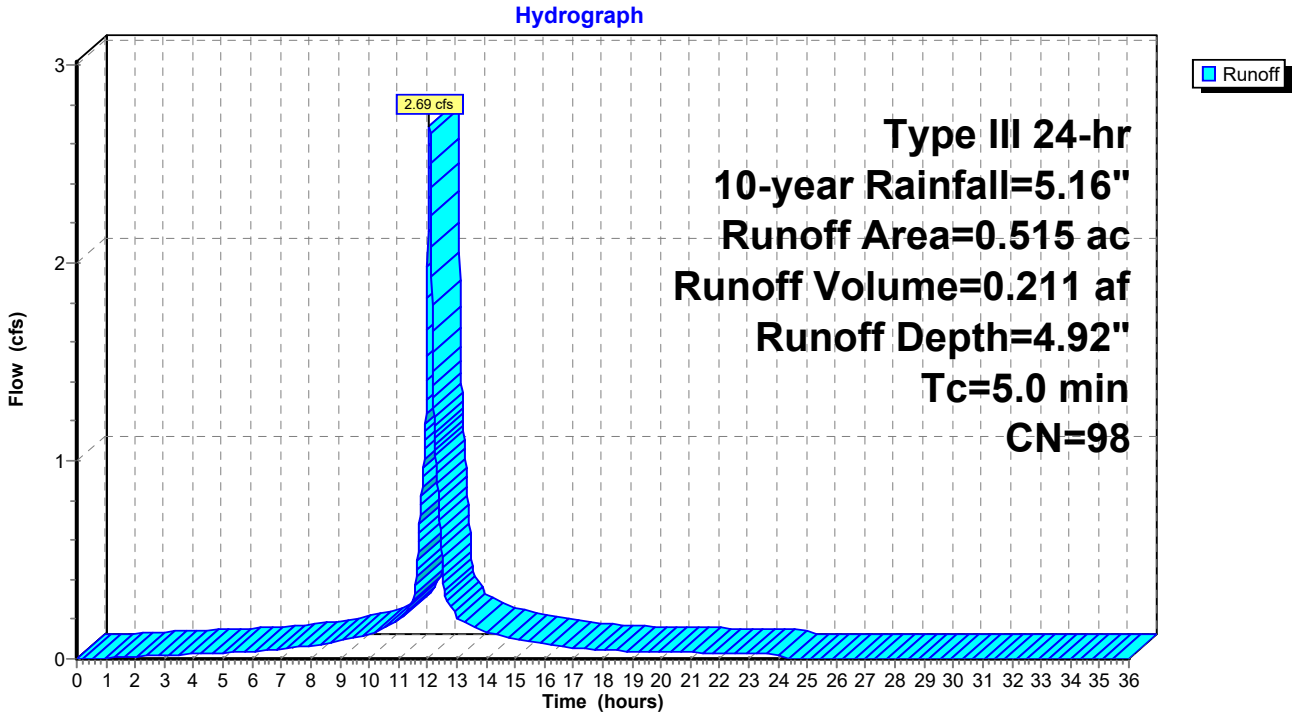
Runoff = 2.69 cfs @ 12.07 hrs, Volume= 0.211 af, Depth= 4.92"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year Rainfall=5.16"

Area (ac)	CN	Description
0.515	98	Roofs, HSG D
0.515		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2: Back Pervious

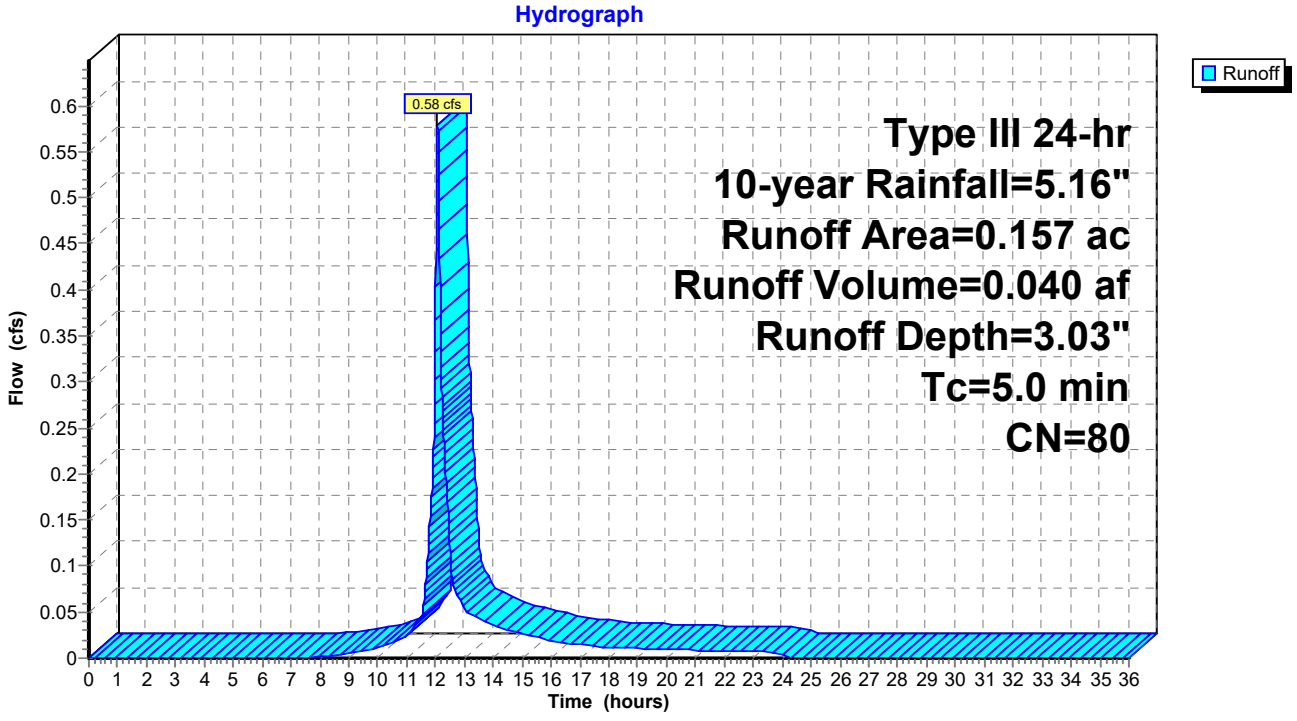
Runoff = 0.58 cfs @ 12.07 hrs, Volume= 0.040 af, Depth= 3.03"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year Rainfall=5.16"

Area (ac)	CN	Description
0.156	80	>75% Grass cover, Good, HSG D
0.001	98	Paved parking, HSG D
0.157	80	Weighted Average
0.156		99.07% Pervious Area
0.001		0.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2: Back Pervious



Summary for Subcatchment PR-3: Pavement

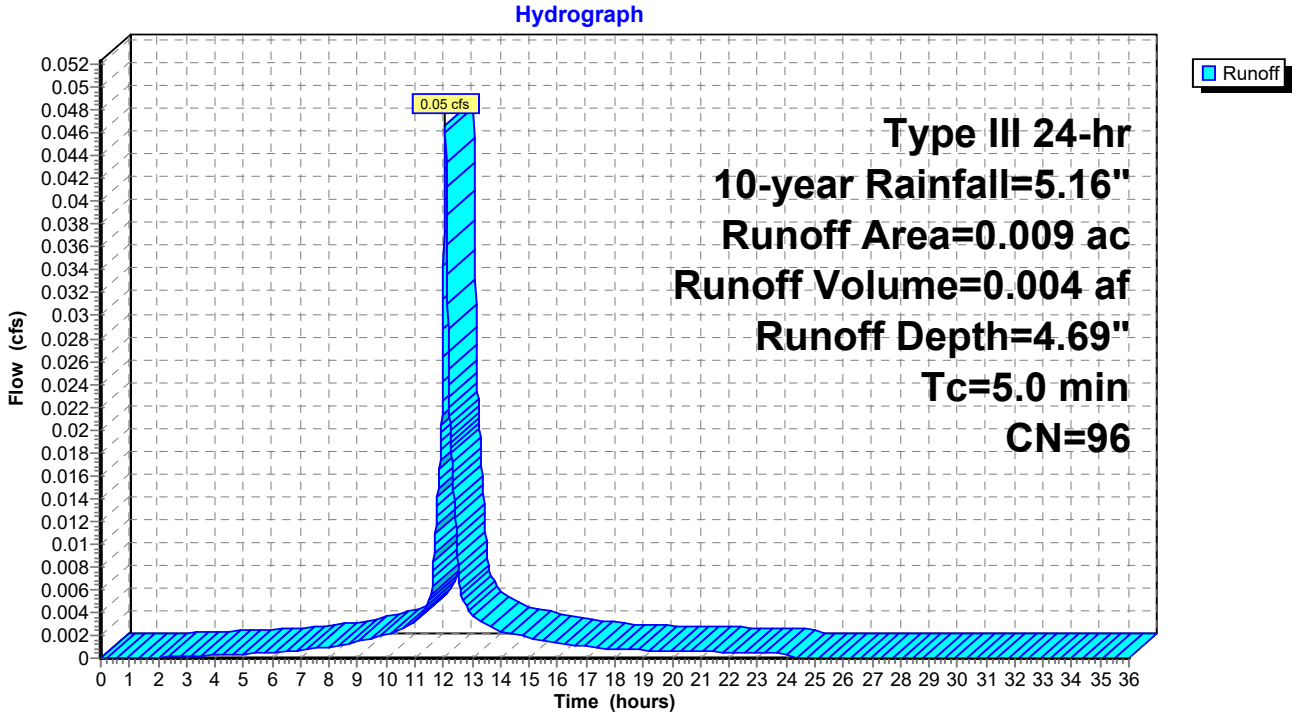
Runoff = 0.05 cfs @ 12.07 hrs, Volume= 0.004 af, Depth= 4.69"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year Rainfall=5.16"

Area (ac)	CN	Description
0.001	80	>75% Grass cover, Good, HSG D
0.008	98	Paved parking, HSG D
0.009	96	Weighted Average
0.001		10.00% Pervious Area
0.008		90.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

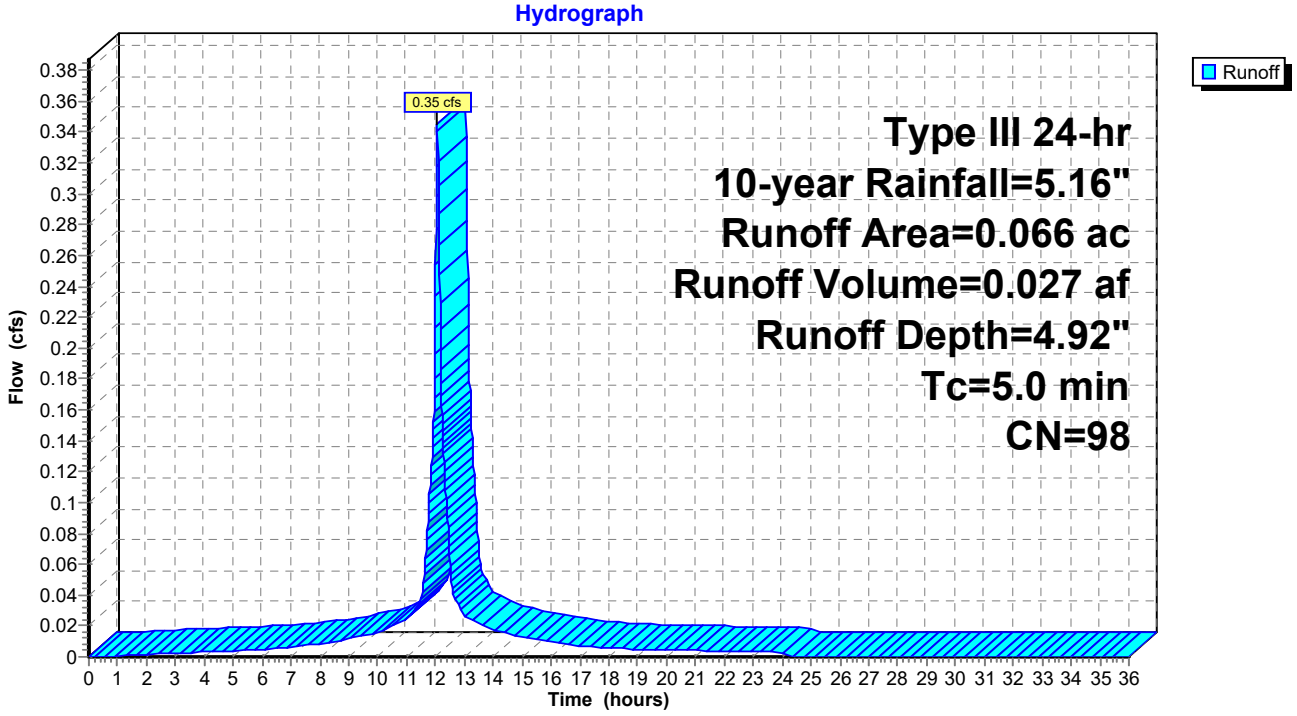
Runoff = 0.35 cfs @ 12.07 hrs, Volume= 0.027 af, Depth= 4.92"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year Rainfall=5.16"

Area (ac)	CN	Description
0.066	98	Paved parking, HSG D
0.066		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

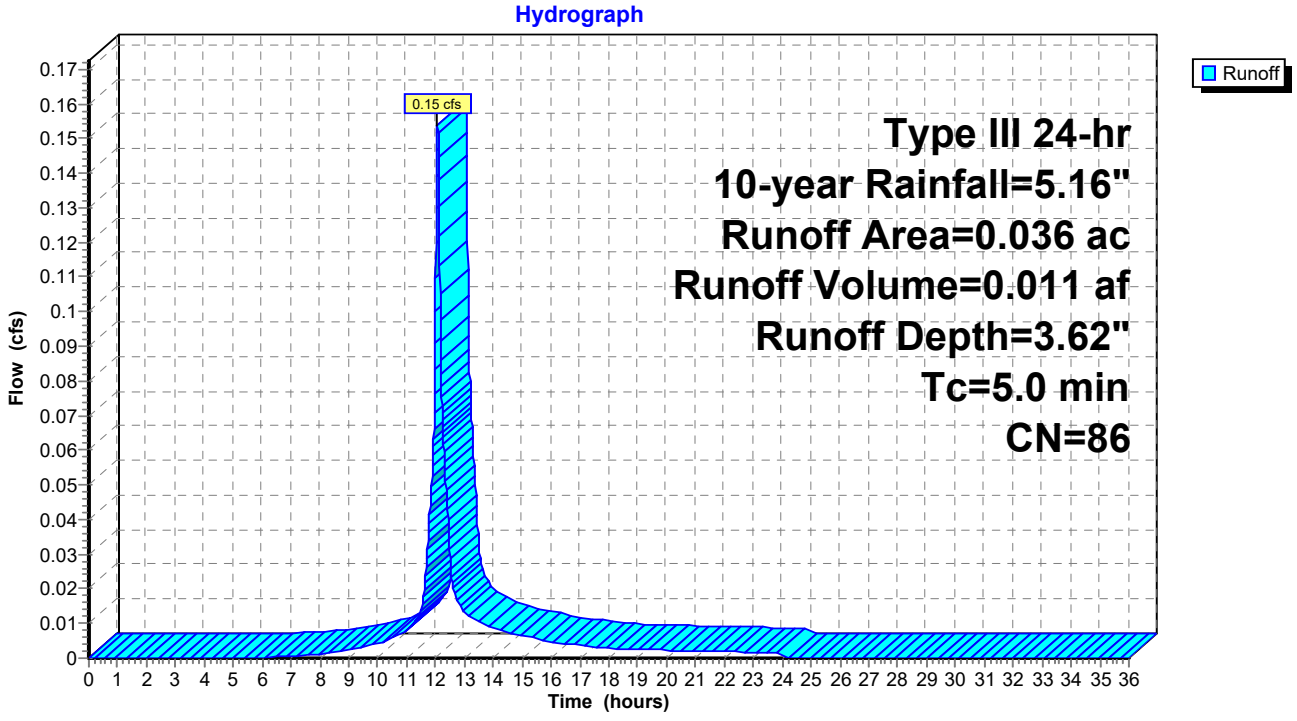
Runoff = 0.15 cfs @ 12.07 hrs, Volume= 0.011 af, Depth= 3.62"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-year Rainfall=5.16"

Area (ac)	CN	Description
0.023	80	>75% Grass cover, Good, HSG D
0.013	98	Paved parking, HSG D
0.036	86	Weighted Average
0.023		64.04% Pervious Area
0.013		35.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

Inflow Area = 0.590 ac, 99.85% Impervious, Inflow Depth = 4.66" for 10-year event
Inflow = 3.06 cfs @ 12.07 hrs, Volume= 0.229 af
Outflow = 1.15 cfs @ 12.29 hrs, Volume= 0.229 af, Atten= 62%, Lag= 12.9 min
Discarded = 0.06 cfs @ 7.96 hrs, Volume= 0.128 af
Primary = 1.09 cfs @ 12.29 hrs, Volume= 0.101 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 73.71' @ 12.29 hrs Surf.Area= 1,112 sf Storage= 3,510 cf

Plug-Flow detention time= 175.4 min calculated for 0.229 af (100% of inflow)
Center-of-Mass det. time= 175.5 min (921.3 - 745.9)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	1,939 cf	**Custom Stage Data (Irregular)** Listed below 7,506 cf Overall - 2,659 cf Embedded = 4,847 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		4,598 cf	Total Available Storage

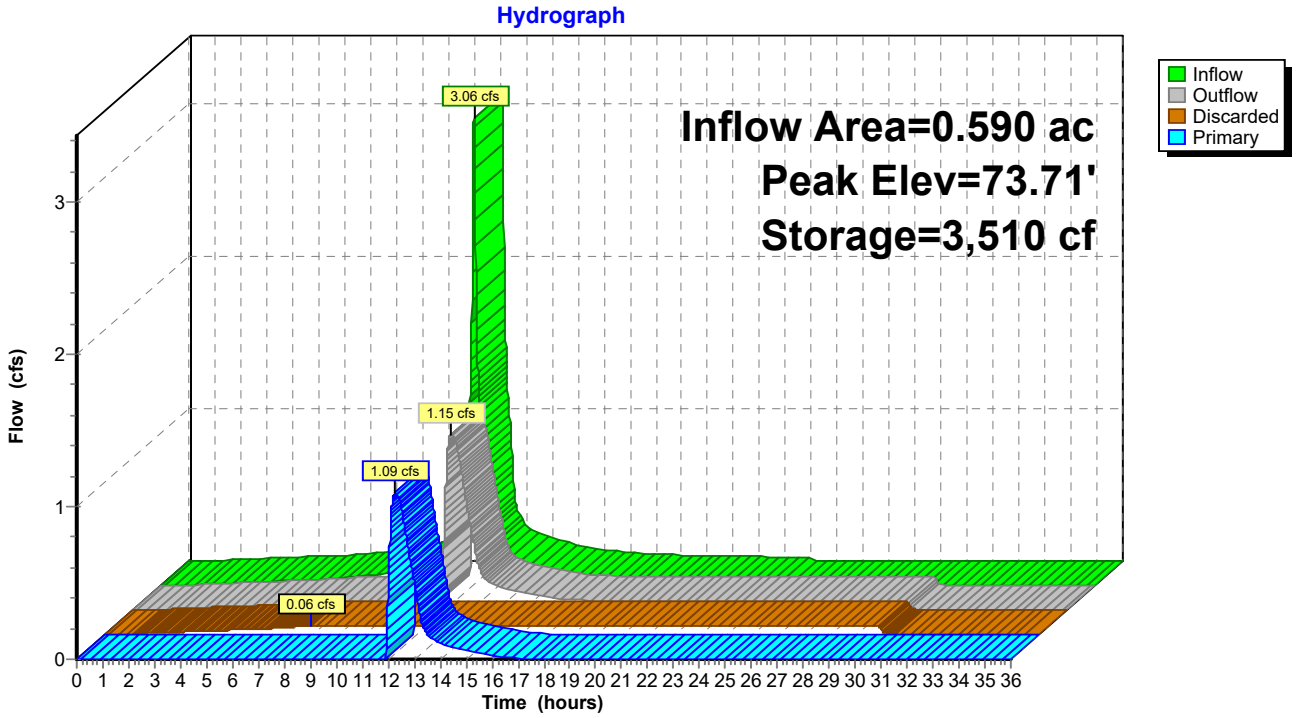
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,112	146.5	0	0	1,112
75.85	1,112	146.5	7,506	7,506	2,101

Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.0" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.70'	**6.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Device 1	75.80'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.06 cfs @ 7.96 hrs HW=69.17' (Free Discharge)
└─**5=Exfiltration** (Exfiltration Controls 0.06 cfs)

Primary OutFlow Max=1.09 cfs @ 12.29 hrs HW=73.71' (Free Discharge)
└─**1=Culvert** (Passes 1.09 cfs of 4.64 cfs potential flow)
  ├─**2=Orifice/Grate** (Orifice Controls 1.09 cfs @ 6.53 fps)
  ├─**3=Orifice/Grate** (Orifice Controls 0.00 cfs @ 0.30 fps)
  └─**4=Sharp-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.066 ac,100.00% Impervious, Inflow Depth = 4.92" for 10-year event
Inflow = 0.35 cfs @ 12.07 hrs, Volume= 0.027 af
Outflow = 0.34 cfs @ 12.08 hrs, Volume= 0.027 af, Atten= 1%, Lag= 0.8 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.013 af
Primary = 0.33 cfs @ 12.08 hrs, Volume= 0.015 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.35' @ 12.08 hrs Surf.Area= 227 sf Storage= 87 cf

Plug-Flow detention time= 45.8 min calculated for 0.027 af (100% of inflow)
Center-of-Mass det. time= 45.8 min (792.4 - 746.6)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

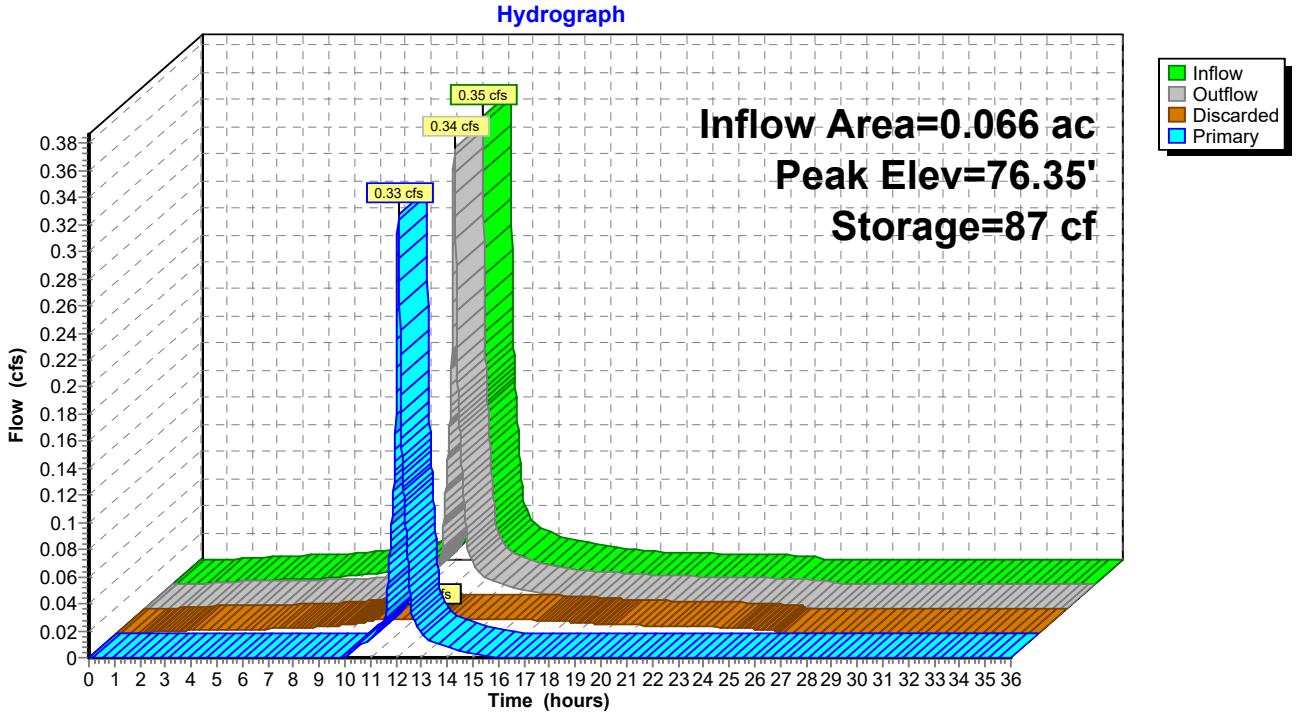
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.35' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.33 cfs @ 12.08 hrs HW=76.35' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.33 cfs of 3.00 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.33 cfs @ 1.04 fps)

Pond 2P: Bioretention Basin

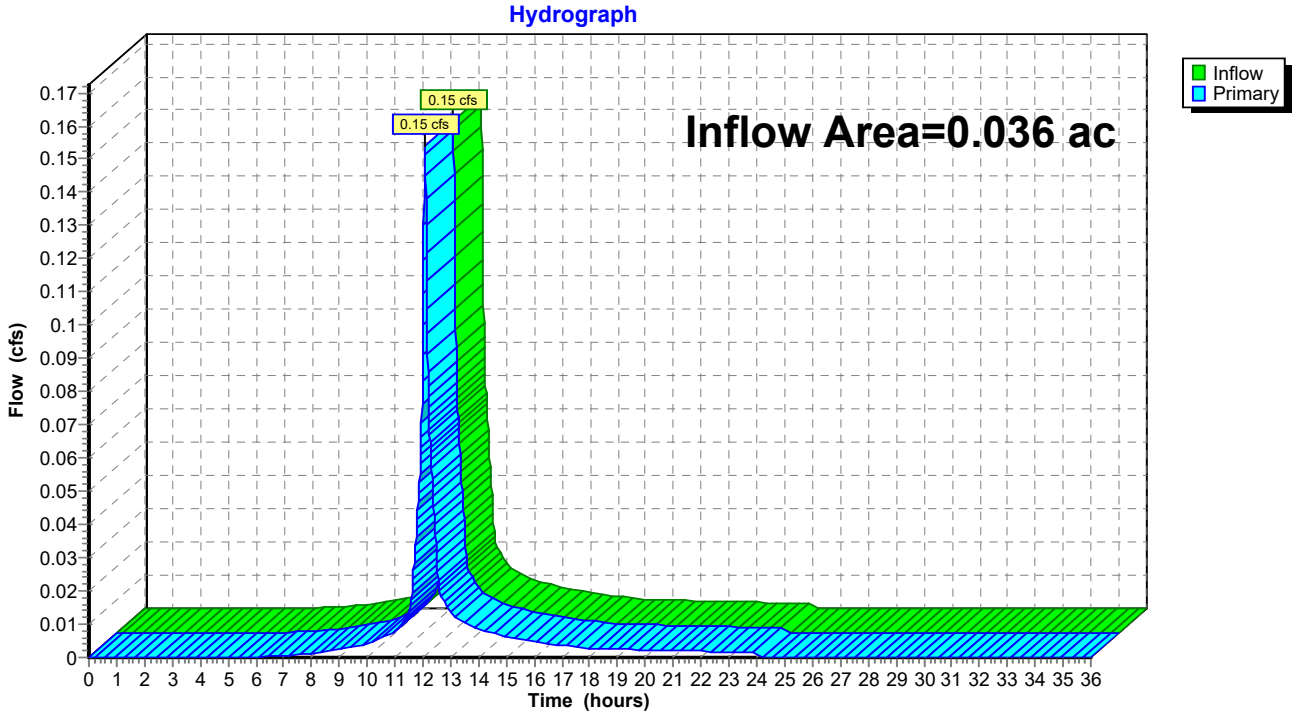


Summary for Link DP-1: Dudley Street

Inflow Area = 0.036 ac, 35.96% Impervious, Inflow Depth = 3.62" for 10-year event
Inflow = 0.15 cfs @ 12.07 hrs, Volume= 0.011 af
Primary = 0.15 cfs @ 12.07 hrs, Volume= 0.011 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

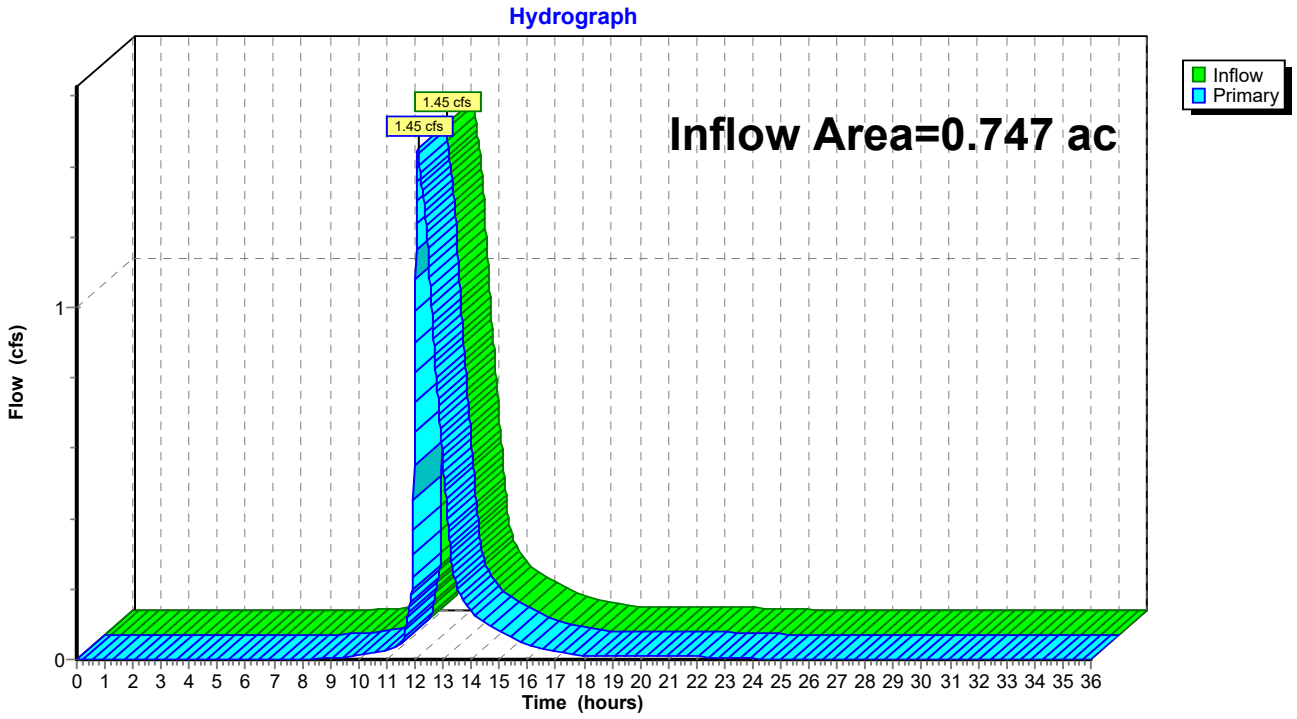


Summary for Link DP-2: Mill Brook

Inflow Area = 0.747 ac, 79.04% Impervious, Inflow Depth = 2.26" for 10-year event
Inflow = 1.45 cfs @ 12.11 hrs, Volume= 0.141 af
Primary = 1.45 cfs @ 12.11 hrs, Volume= 0.141 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



25-Year Storm Event – Proposed

Summary for Subcatchment PR-1: Roof

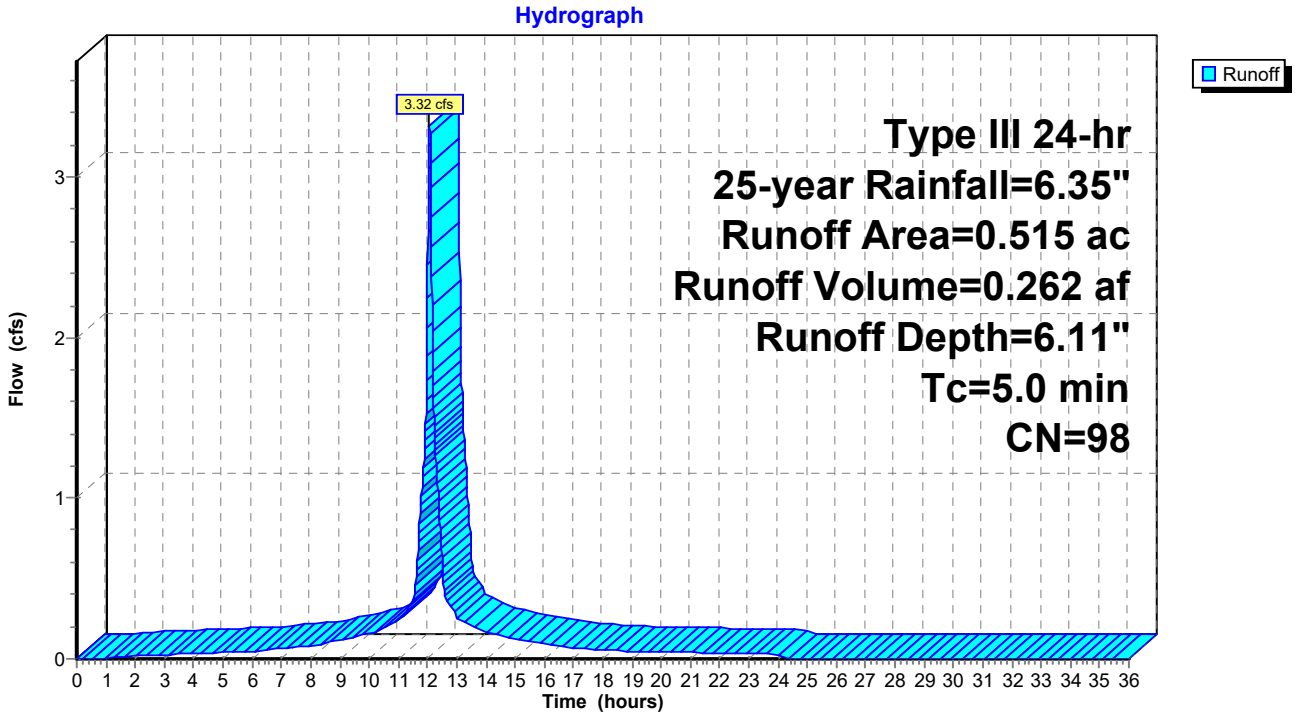
Runoff = 3.32 cfs @ 12.07 hrs, Volume= 0.262 af, Depth= 6.11"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year Rainfall=6.35"

Area (ac)	CN	Description
0.515	98	Roofs, HSG D
0.515		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2: Back Pervious

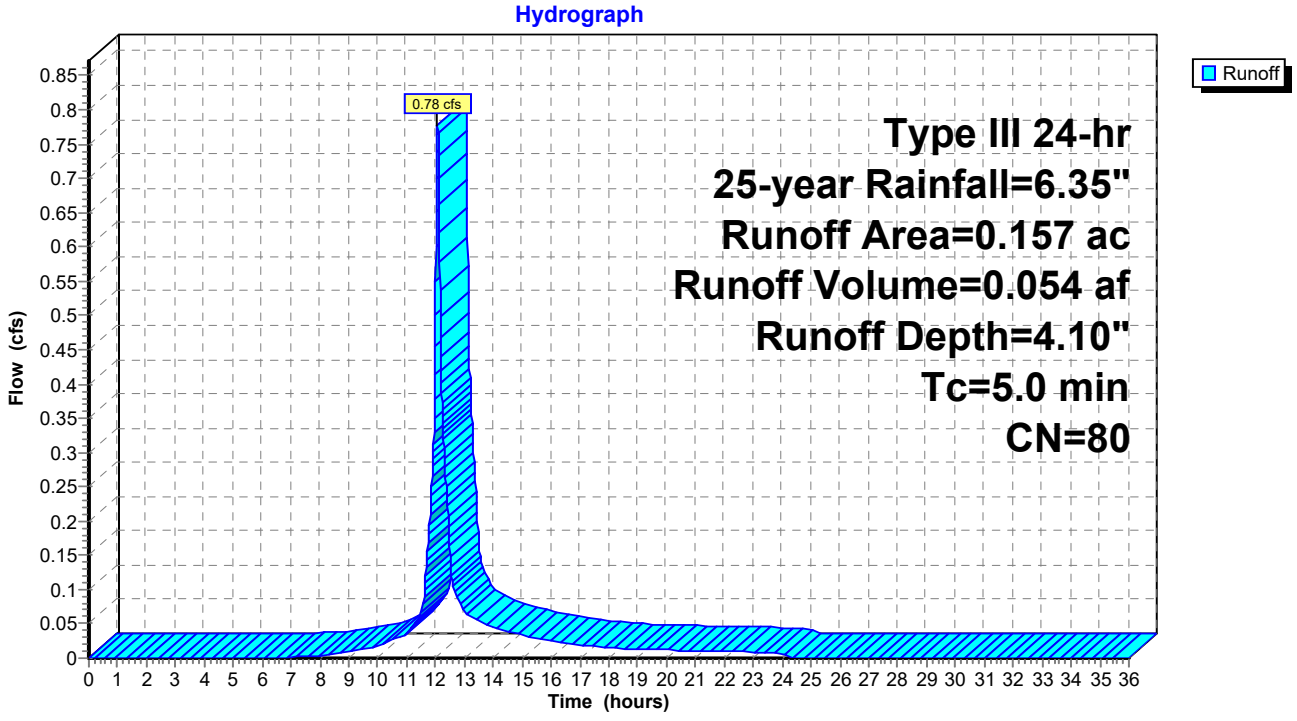
Runoff = 0.78 cfs @ 12.07 hrs, Volume= 0.054 af, Depth= 4.10"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year Rainfall=6.35"

Area (ac)	CN	Description
0.156	80	>75% Grass cover, Good, HSG D
0.001	98	Paved parking, HSG D
0.157	80	Weighted Average
0.156		99.07% Pervious Area
0.001		0.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2: Back Pervious



Summary for Subcatchment PR-3: Pavement

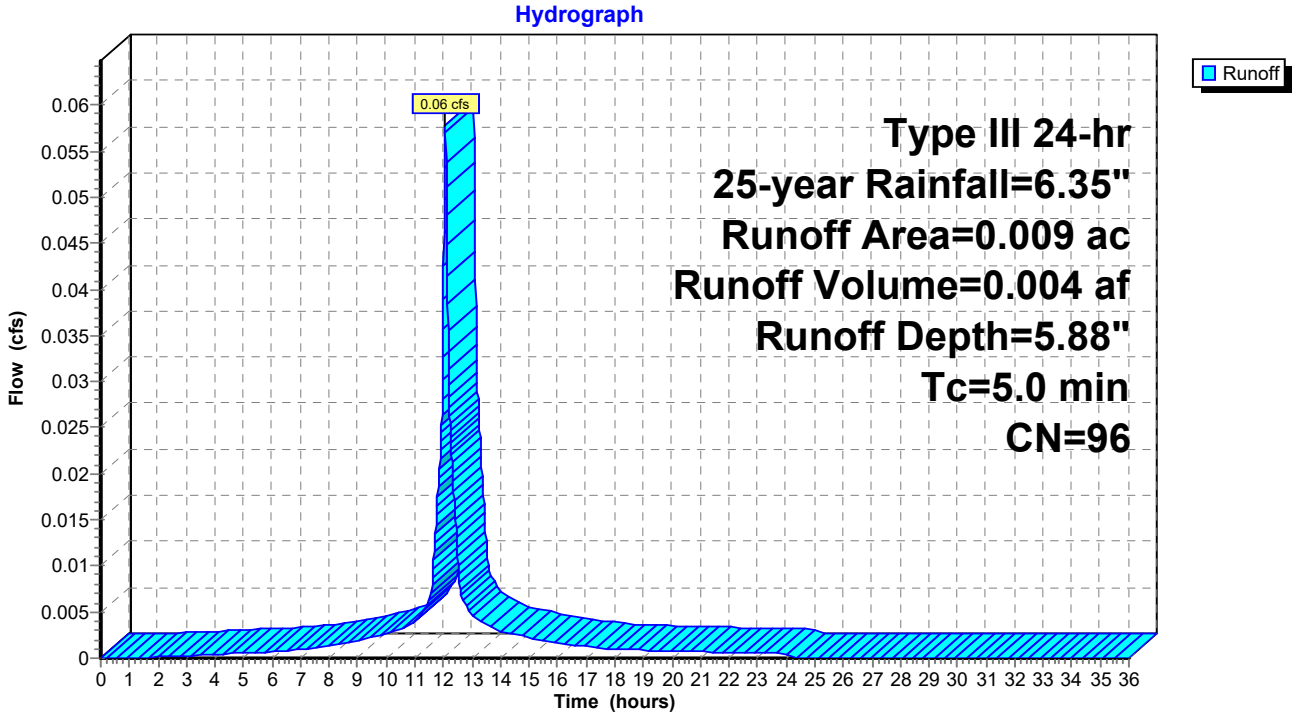
Runoff = 0.06 cfs @ 12.07 hrs, Volume= 0.004 af, Depth= 5.88"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year Rainfall=6.35"

Area (ac)	CN	Description
0.001	80	>75% Grass cover, Good, HSG D
0.008	98	Paved parking, HSG D
0.009	96	Weighted Average
0.001		10.00% Pervious Area
0.008		90.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

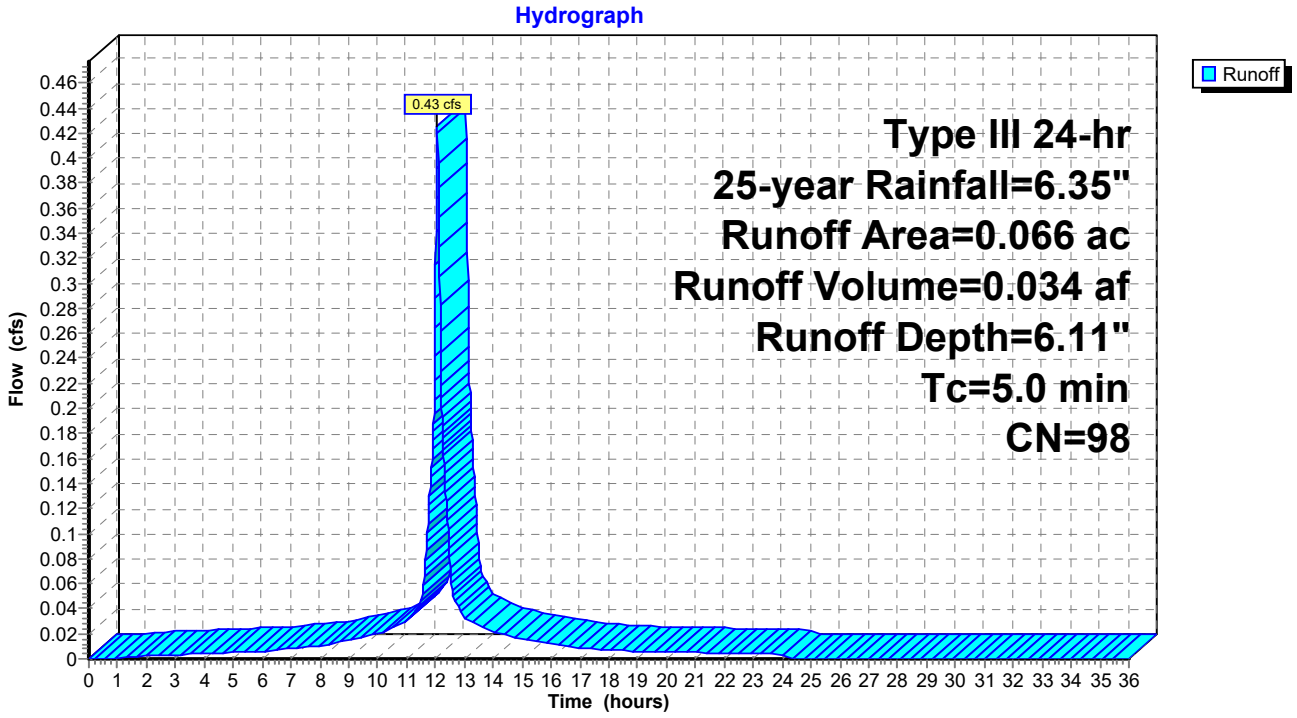
Runoff = 0.43 cfs @ 12.07 hrs, Volume= 0.034 af, Depth= 6.11"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year Rainfall=6.35"

Area (ac)	CN	Description
0.066	98	Paved parking, HSG D
0.066		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

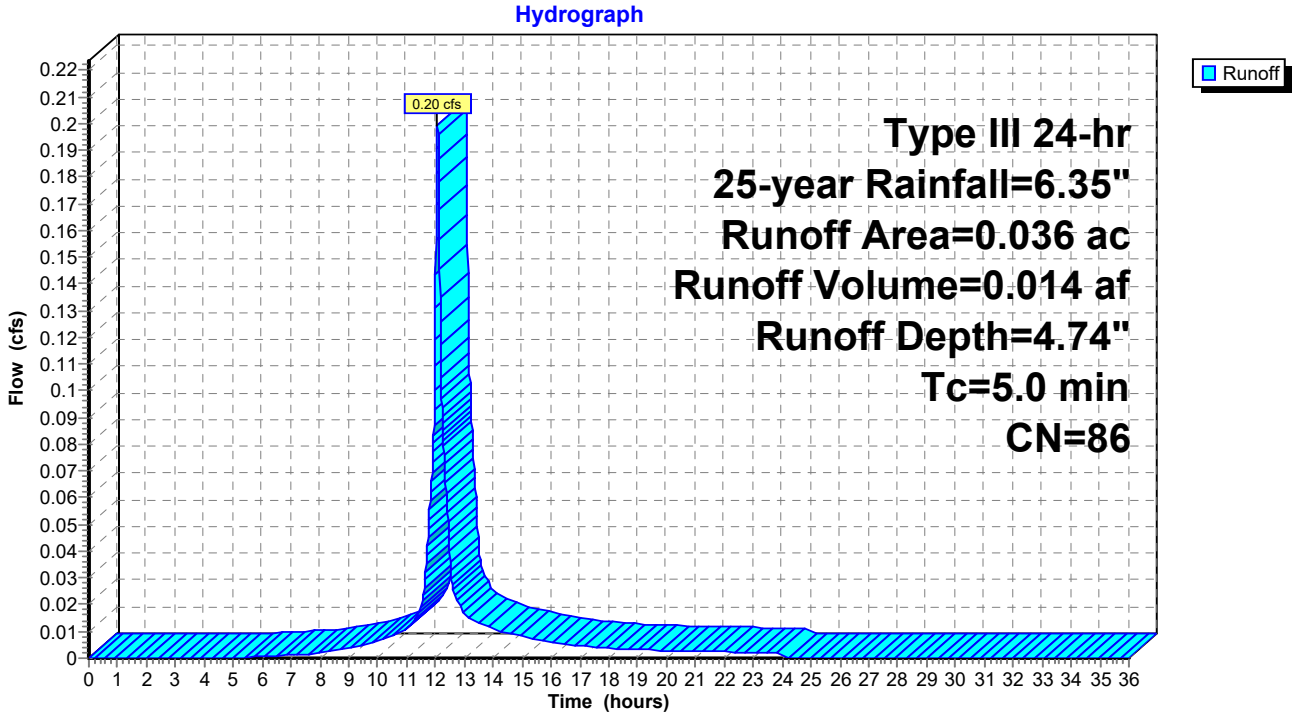
Runoff = 0.20 cfs @ 12.07 hrs, Volume= 0.014 af, Depth= 4.74"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-year Rainfall=6.35"

Area (ac)	CN	Description
0.023	80	>75% Grass cover, Good, HSG D
0.013	98	Paved parking, HSG D
0.036	86	Weighted Average
0.023		64.04% Pervious Area
0.013		35.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

Inflow Area = 0.590 ac, 99.85% Impervious, Inflow Depth = 5.82" for 25-year event
Inflow = 3.78 cfs @ 12.07 hrs, Volume= 0.286 af
Outflow = 2.04 cfs @ 12.18 hrs, Volume= 0.286 af, Atten= 46%, Lag= 6.7 min
Discarded = 0.06 cfs @ 7.04 hrs, Volume= 0.138 af
Primary = 1.97 cfs @ 12.18 hrs, Volume= 0.149 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 74.47' @ 12.18 hrs Surf.Area= 1,112 sf Storage= 3,973 cf

Plug-Flow detention time= 157.9 min calculated for 0.286 af (100% of inflow)
Center-of-Mass det. time= 157.9 min (900.6 - 742.7)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	1,939 cf	**Custom Stage Data (Irregular)** Listed below 7,506 cf Overall - 2,659 cf Embedded = 4,847 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		4,598 cf	Total Available Storage

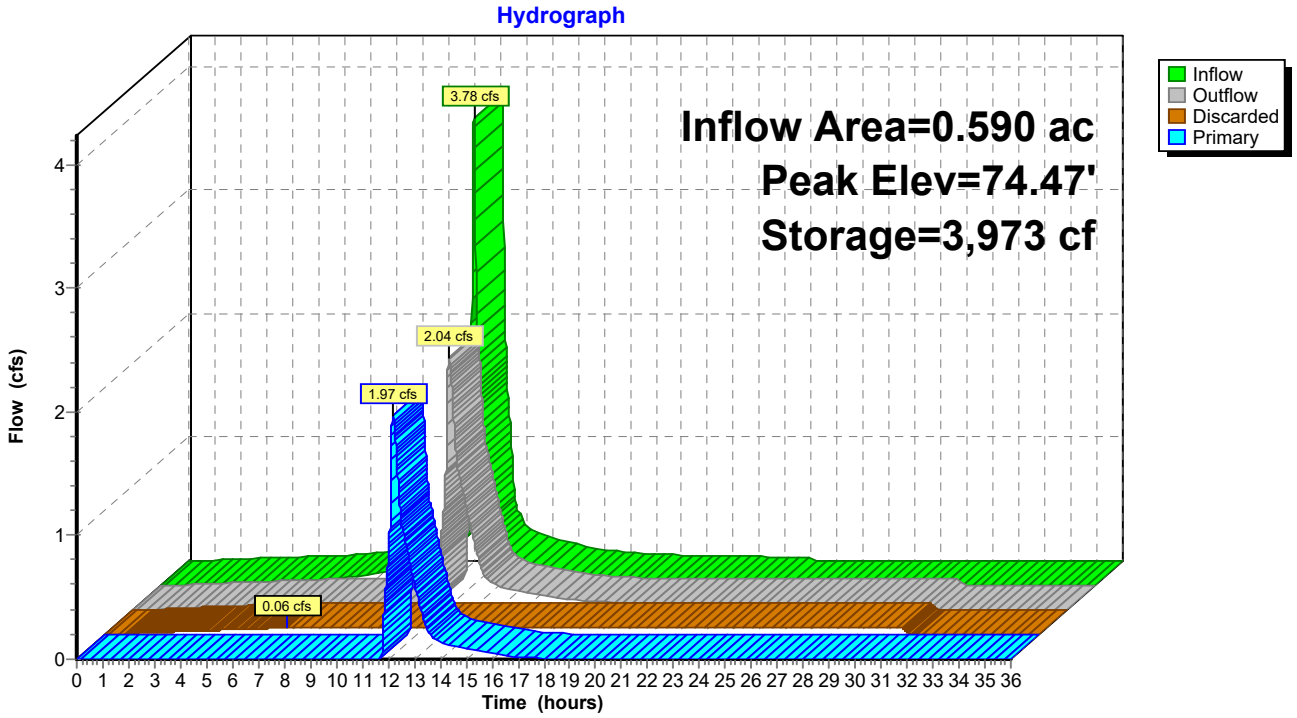
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,112	146.5	0	0	1,112
75.85	1,112	146.5	7,506	7,506	2,101

Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.0" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.70'	**6.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Device 1	75.80'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.06 cfs @ 7.04 hrs HW=69.17' (Free Discharge)
└─**5=Exfiltration** (Exfiltration Controls 0.06 cfs)

Primary OutFlow Max=1.97 cfs @ 12.18 hrs HW=74.47' (Free Discharge)
└─**1=Culvert** (Passes 1.97 cfs of 5.70 cfs potential flow)
  ├─**2=Orifice/Grate** (Orifice Controls 1.29 cfs @ 7.76 fps)
  ├─**3=Orifice/Grate** (Orifice Controls 0.68 cfs @ 3.47 fps)
  └─**4=Sharp-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.066 ac,100.00% Impervious, Inflow Depth = 6.11" for 25-year event
Inflow = 0.43 cfs @ 12.07 hrs, Volume= 0.034 af
Outflow = 0.42 cfs @ 12.08 hrs, Volume= 0.034 af, Atten= 1%, Lag= 0.7 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.014 af
Primary = 0.41 cfs @ 12.08 hrs, Volume= 0.020 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.37' @ 12.08 hrs Surf.Area= 235 sf Storage= 91 cf

Plug-Flow detention time= 42.5 min calculated for 0.034 af (100% of inflow)
Center-of-Mass det. time= 42.6 min (786.0 - 743.4)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

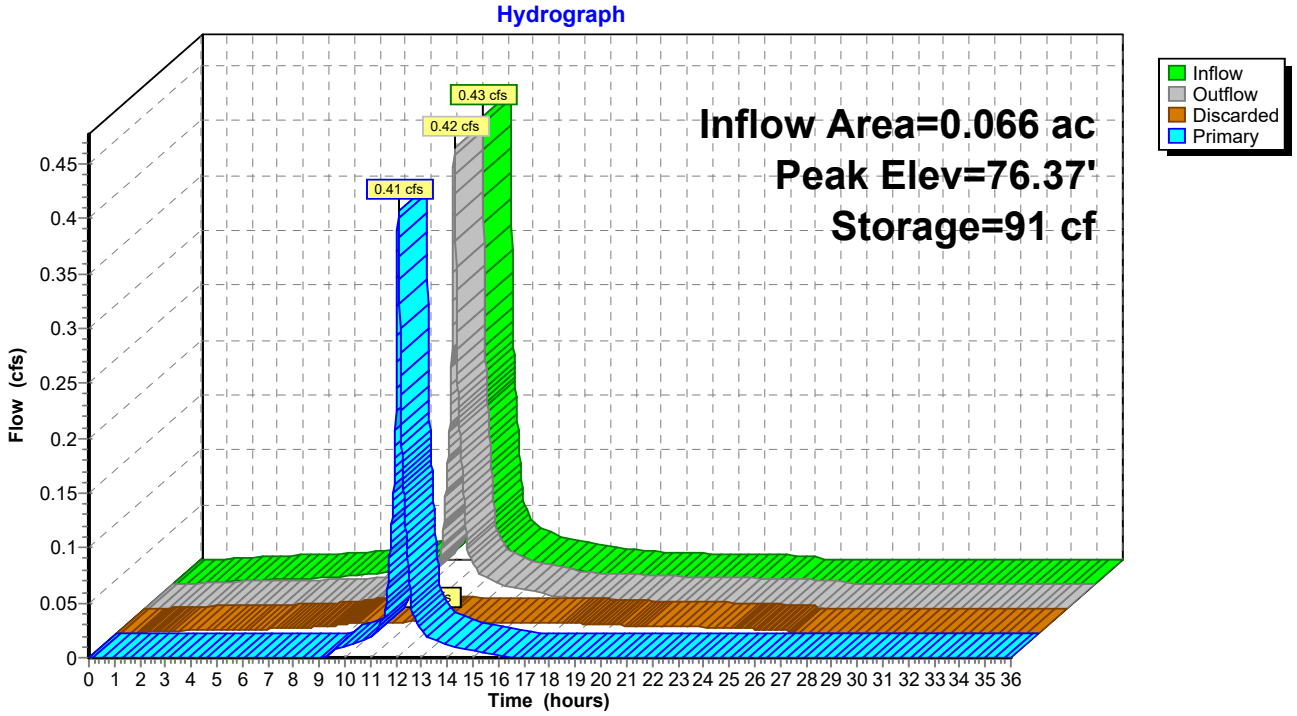
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.37' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.41 cfs @ 12.08 hrs HW=76.37' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.41 cfs of 3.04 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.41 cfs @ 1.11 fps)

Pond 2P: Bioretention Basin

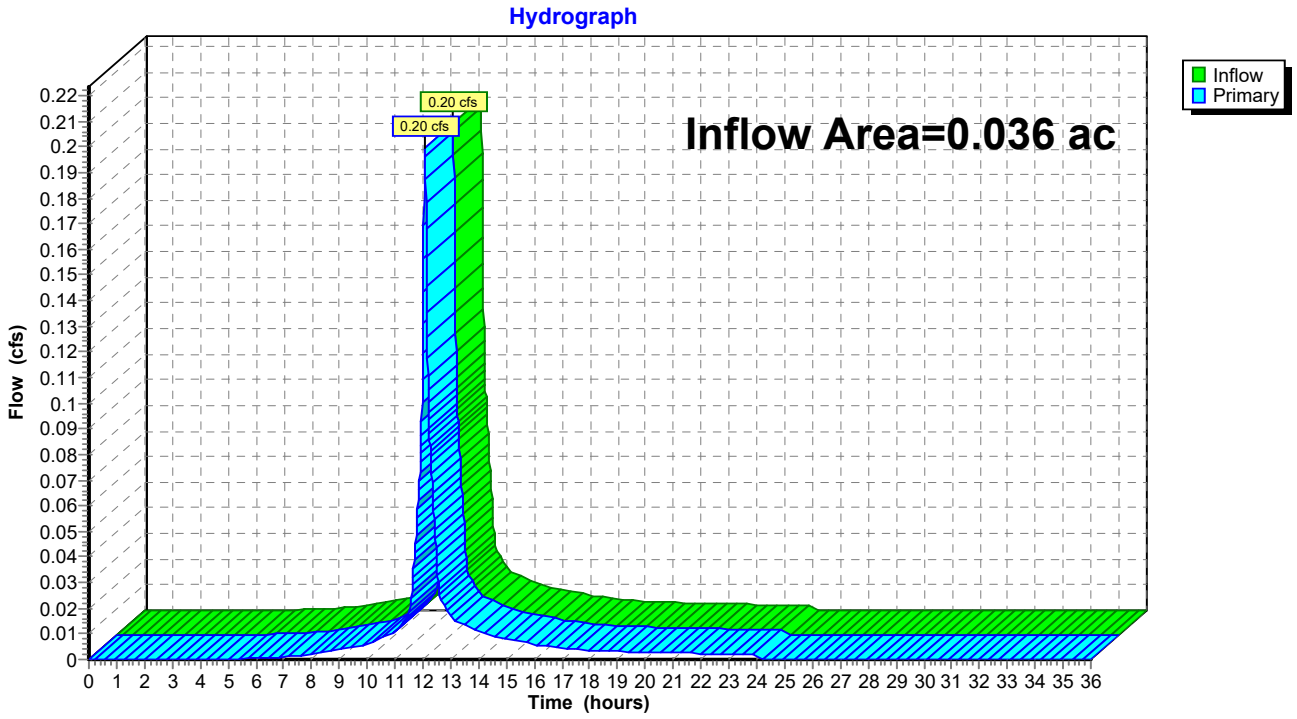


Summary for Link DP-1: Dudley Street

Inflow Area = 0.036 ac, 35.96% Impervious, Inflow Depth = 4.74" for 25-year event
Inflow = 0.20 cfs @ 12.07 hrs, Volume= 0.014 af
Primary = 0.20 cfs @ 12.07 hrs, Volume= 0.014 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

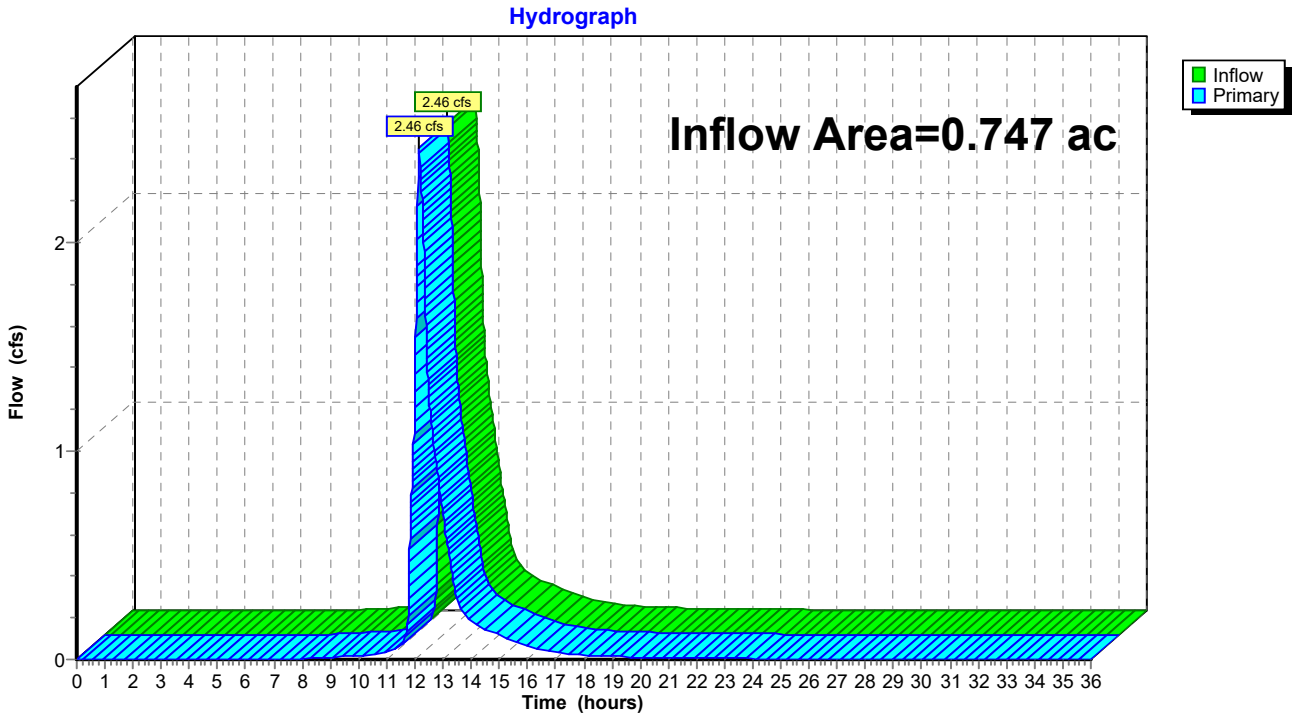


Summary for Link DP-2: Mill Brook

Inflow Area = 0.747 ac, 79.04% Impervious, Inflow Depth = 3.25" for 25-year event
Inflow = 2.46 cfs @ 12.15 hrs, Volume= 0.202 af
Primary = 2.46 cfs @ 12.15 hrs, Volume= 0.202 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



100-Year Storm Event – Proposed

Summary for Subcatchment PR-1: Roof

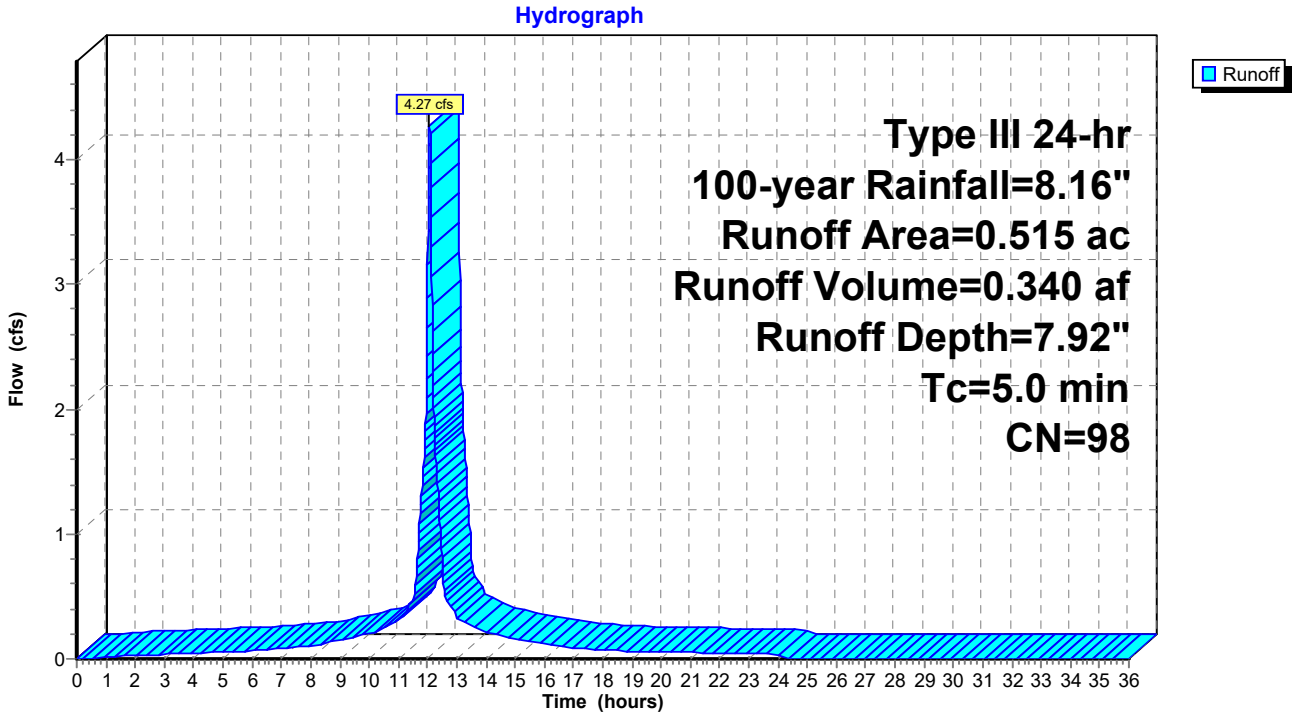
Runoff = 4.27 cfs @ 12.07 hrs, Volume= 0.340 af, Depth= 7.92"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year Rainfall=8.16"

Area (ac)	CN	Description
0.515	98	Roofs, HSG D
0.515		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-1: Roof



Summary for Subcatchment PR-2: Back Pervious

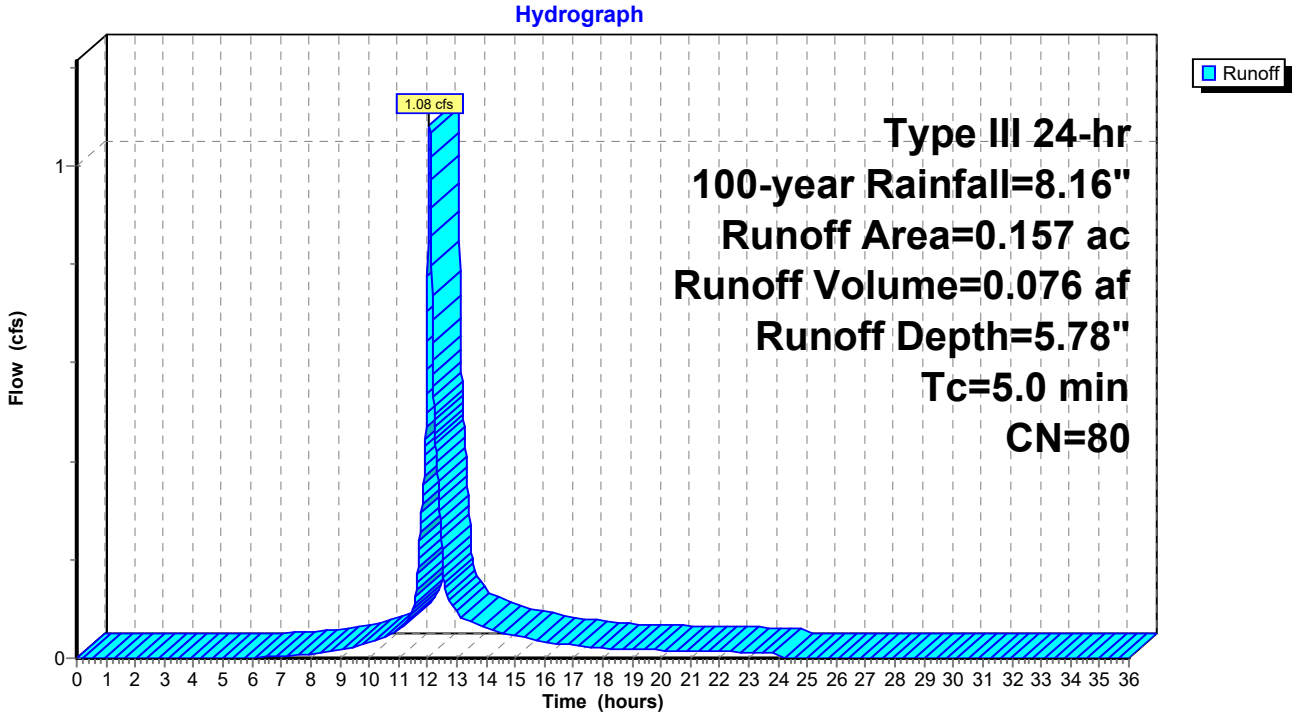
Runoff = 1.08 cfs @ 12.07 hrs, Volume= 0.076 af, Depth= 5.78"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year Rainfall=8.16"

Area (ac)	CN	Description
0.156	80	>75% Grass cover, Good, HSG D
0.001	98	Paved parking, HSG D
0.157	80	Weighted Average
0.156		99.07% Pervious Area
0.001		0.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-2: Back Pervious



Summary for Subcatchment PR-3: Pavement

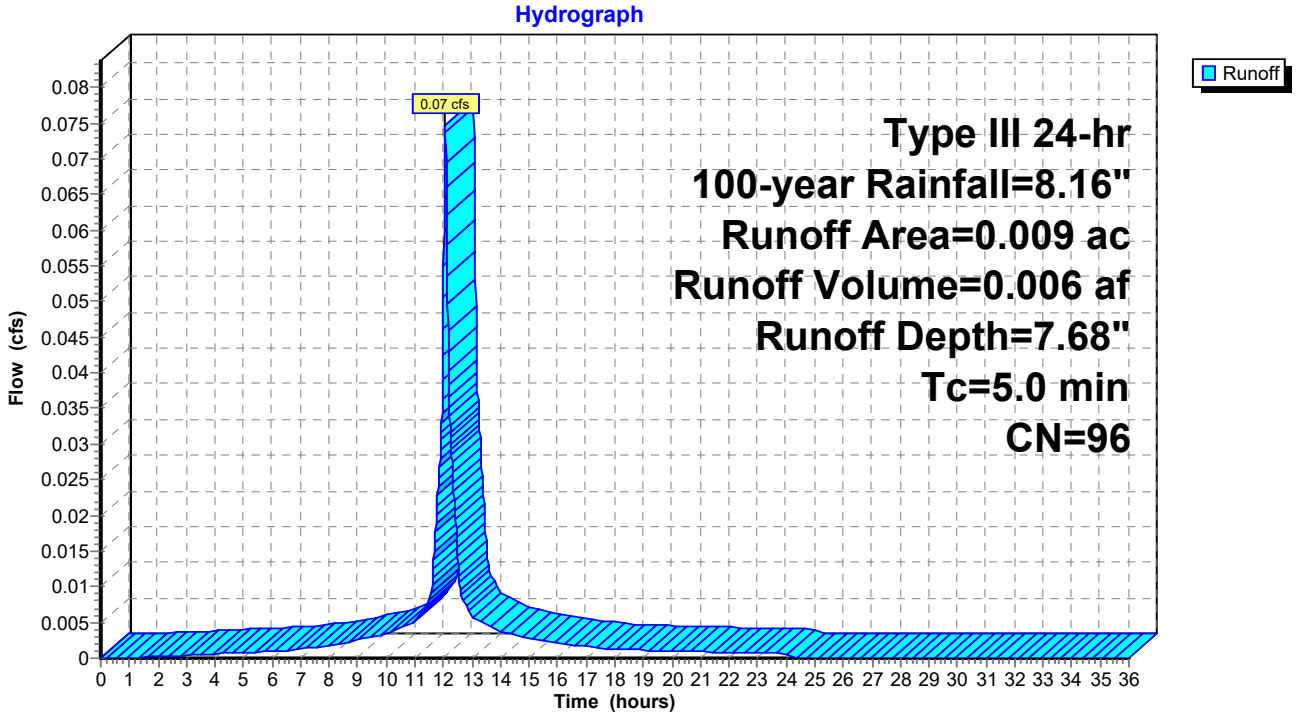
Runoff = 0.07 cfs @ 12.07 hrs, Volume= 0.006 af, Depth= 7.68"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year Rainfall=8.16"

Area (ac)	CN	Description
0.001	80	>75% Grass cover, Good, HSG D
0.008	98	Paved parking, HSG D
0.009	96	Weighted Average
0.001		10.00% Pervious Area
0.008		90.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-3: Pavement



Summary for Subcatchment PR-4: Pavement

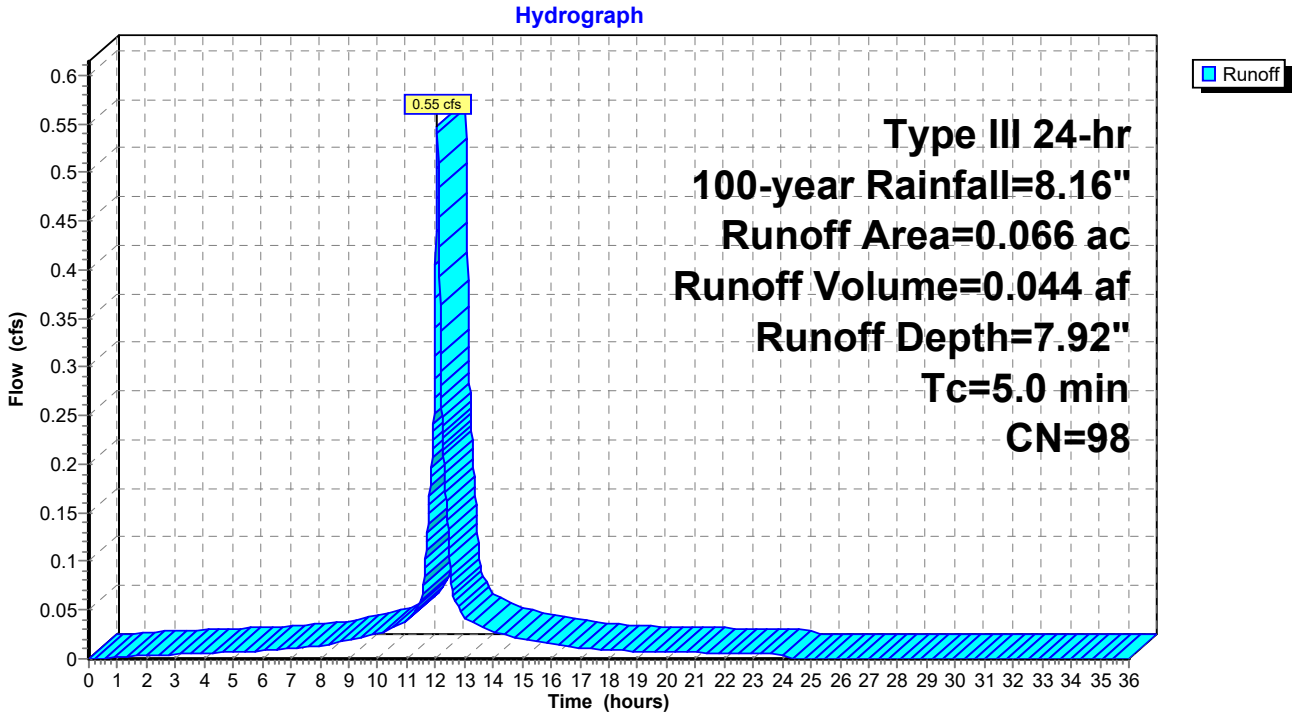
Runoff = 0.55 cfs @ 12.07 hrs, Volume= 0.044 af, Depth= 7.92"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year Rainfall=8.16"

Area (ac)	CN	Description
0.066	98	Paved parking, HSG D
0.066		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-4: Pavement



Summary for Subcatchment PR-5: Front of Site

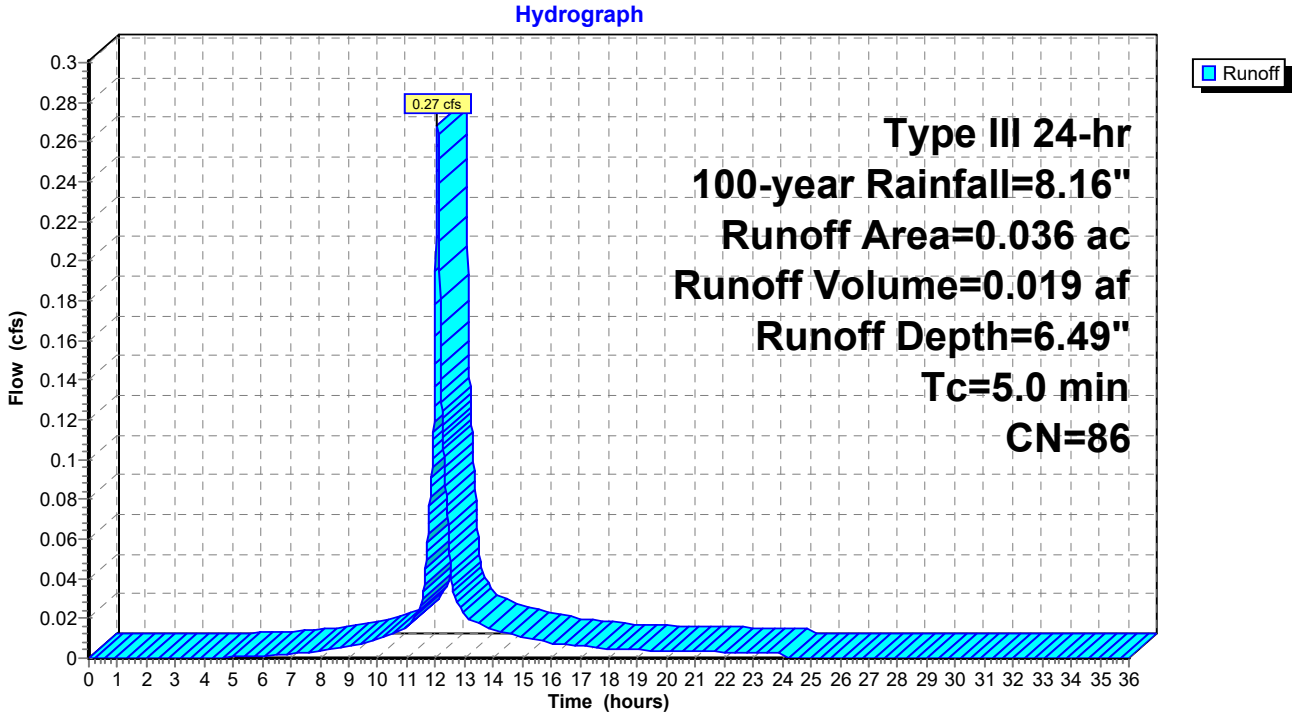
Runoff = 0.27 cfs @ 12.07 hrs, Volume= 0.019 af, Depth= 6.49"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-year Rainfall=8.16"

Area (ac)	CN	Description
0.023	80	>75% Grass cover, Good, HSG D
0.013	98	Paved parking, HSG D
0.036	86	Weighted Average
0.023		64.04% Pervious Area
0.013		35.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry,**

Subcatchment PR-5: Front of Site



Summary for Pond 1P: Underground Detention MC 4500

Inflow Area = 0.590 ac, 99.85% Impervious, Inflow Depth = 7.59" for 100-year event
Inflow = 4.87 cfs @ 12.07 hrs, Volume= 0.373 af
Outflow = 2.93 cfs @ 12.16 hrs, Volume= 0.373 af, Atten= 40%, Lag= 5.6 min
Discarded = 0.06 cfs @ 5.97 hrs, Volume= 0.149 af
Primary = 2.87 cfs @ 12.16 hrs, Volume= 0.225 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 75.79' @ 12.16 hrs Surf.Area= 1,112 sf Storage= 4,570 cf

Plug-Flow detention time= 139.0 min calculated for 0.373 af (100% of inflow)
Center-of-Mass det. time= 138.9 min (878.4 - 739.5)

Volume	Invert	Avail.Storage	Storage Description
#1	69.10'	1,939 cf	**Custom Stage Data (Irregular)** Listed below 7,506 cf Overall - 2,659 cf Embedded = 4,847 cf x 40.0% Voids
#2	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#3	69.85'	824 cf	**ADS_StormTech MC-4500 b +Cap** x 7 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#4	69.85'	611 cf	**ADS_StormTech MC-4500 b +Cap** x 5 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
#5	69.85'	398 cf	**ADS_StormTech MC-4500 b +Cap** x 3 Inside #1 Effective Size= 90.4"W x 60.0"H => 26.46 sf x 4.03'L = 106.5 cf Overall Size= 100.0"W x 60.0"H x 4.33'L with 0.31' Overlap Cap Storage= +39.5 cf x 2 x 1 rows = 79.0 cf
		4,598 cf	Total Available Storage

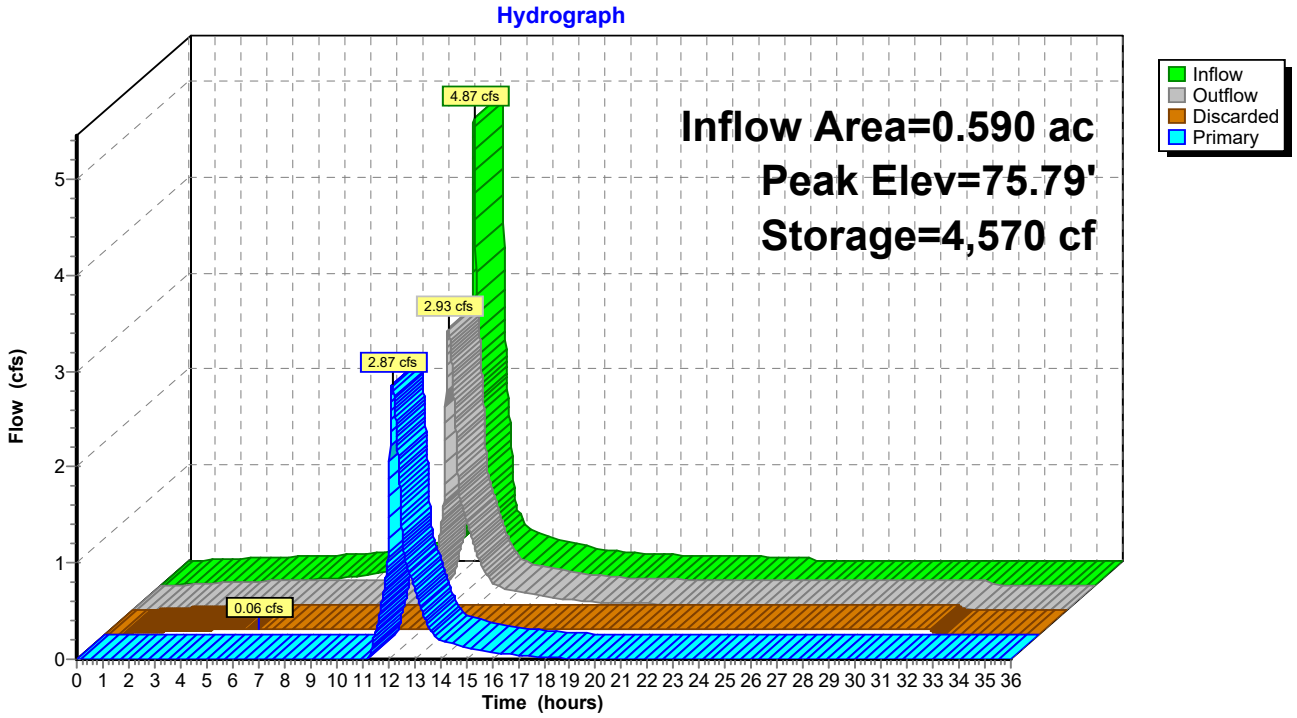
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
69.10	1,112	146.5	0	0	1,112
75.85	1,112	146.5	7,506	7,506	2,101

Device	Routing	Invert	Outlet Devices
#1	Primary	71.70'	**12.0" Round Culvert** L= 15.8' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 71.70' / 71.60' S= 0.0063 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	71.70'	**6.0" W x 4.0" H Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#3	Device 1	73.70'	**6.0" Vert. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Device 1	75.80'	**4.0' long Sharp-Crested Rectangular Weir** 2 End Contraction(s)
#5	Discarded	69.10'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.06 cfs @ 5.97 hrs HW=69.17' (Free Discharge)
└─**5=Exfiltration** (Exfiltration Controls 0.06 cfs)

Primary OutFlow Max=2.87 cfs @ 12.16 hrs HW=75.78' (Free Discharge)
└─**1=Culvert** (Passes 2.87 cfs of 7.16 cfs potential flow)
  ├─**2=Orifice/Grate** (Orifice Controls 1.59 cfs @ 9.53 fps)
  ├─**3=Orifice/Grate** (Orifice Controls 1.28 cfs @ 6.52 fps)
  └─**4=Sharp-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 1P: Underground Detention MC 4500



Summary for Pond 2P: Bioretention Basin

Inflow Area = 0.066 ac,100.00% Impervious, Inflow Depth = 7.92" for 100-year event
Inflow = 0.55 cfs @ 12.07 hrs, Volume= 0.044 af
Outflow = 0.54 cfs @ 12.08 hrs, Volume= 0.044 af, Atten= 1%, Lag= 0.7 min
Discarded = 0.01 cfs @ 12.08 hrs, Volume= 0.016 af
Primary = 0.53 cfs @ 12.08 hrs, Volume= 0.028 af

Routing by Stor-Ind method, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs
Peak Elev= 76.39' @ 12.08 hrs Surf.Area= 247 sf Storage= 96 cf

Plug-Flow detention time= 38.2 min calculated for 0.044 af (100% of inflow)
Center-of-Mass det. time= 38.2 min (778.2 - 740.0)

Volume	Invert	Avail.Storage	Storage Description
#1	75.50'	127 cf	**Custom Stage Data (Irregular)** Listed below (Recalc)

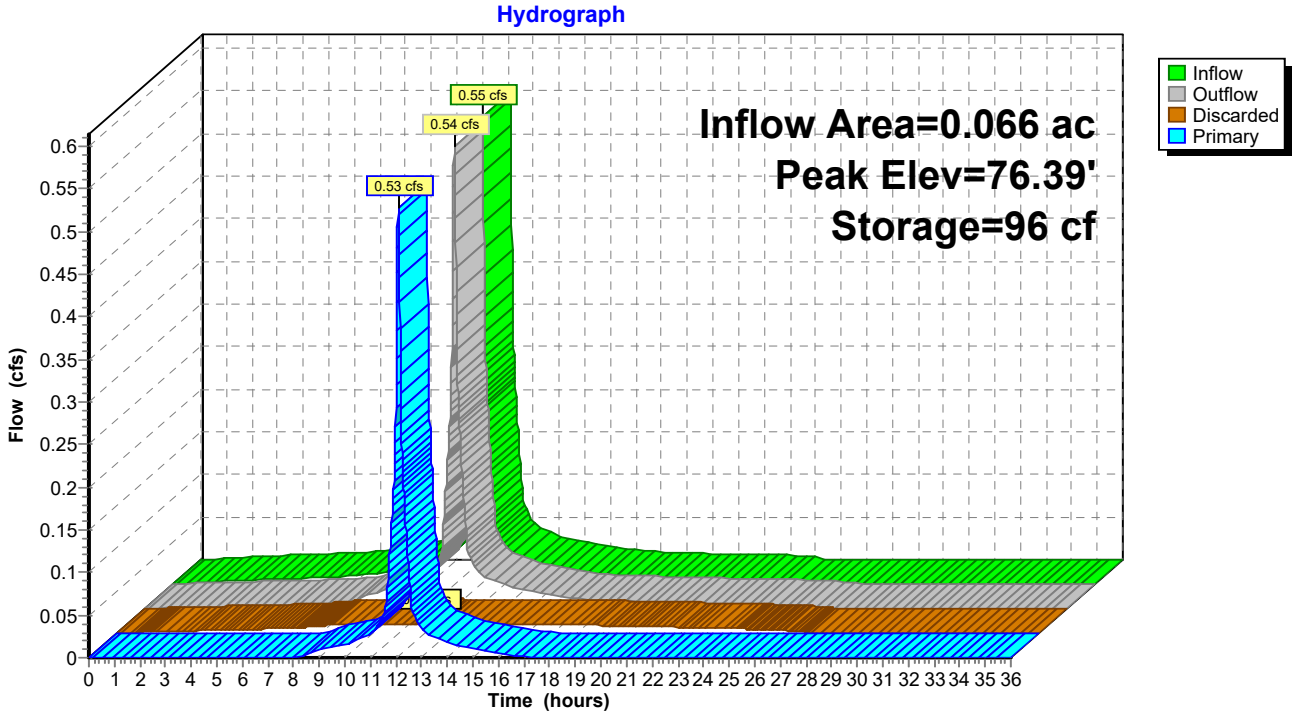
Elevation (feet)	Surf.Area (sq-ft)	Perim. (feet)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	Wet.Area (sq-ft)
75.50	41	32.2	0	0	41
76.10	115	45.3	45	45	125
76.50	312	83.9	82	127	523

Device	Routing	Invert	Outlet Devices
#1	Primary	72.00'	**12.0" Round Culvert** L= 15.9' RCP, sq.cut end projecting, Ke= 0.500 Inlet / Outlet Invert= 72.00' / 71.50' S= 0.0314 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	76.25'	**12.0" Horiz. Orifice/Grate** C= 0.600 in 12.0" Grate (100% open area) Limited to weir flow at low heads
#3	Discarded	75.50'	**2.400 in/hr Exfiltration over Surface area**

Discarded OutFlow Max=0.01 cfs @ 12.08 hrs HW=76.39' (Free Discharge)
└**3=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.53 cfs @ 12.08 hrs HW=76.39' TW=75.72' (Fixed TW Elev= 75.72')
└**1=Culvert** (Passes 0.53 cfs of 3.09 cfs potential flow)
└**2=Orifice/Grate** (Weir Controls 0.53 cfs @ 1.21 fps)

Pond 2P: Bioretention Basin

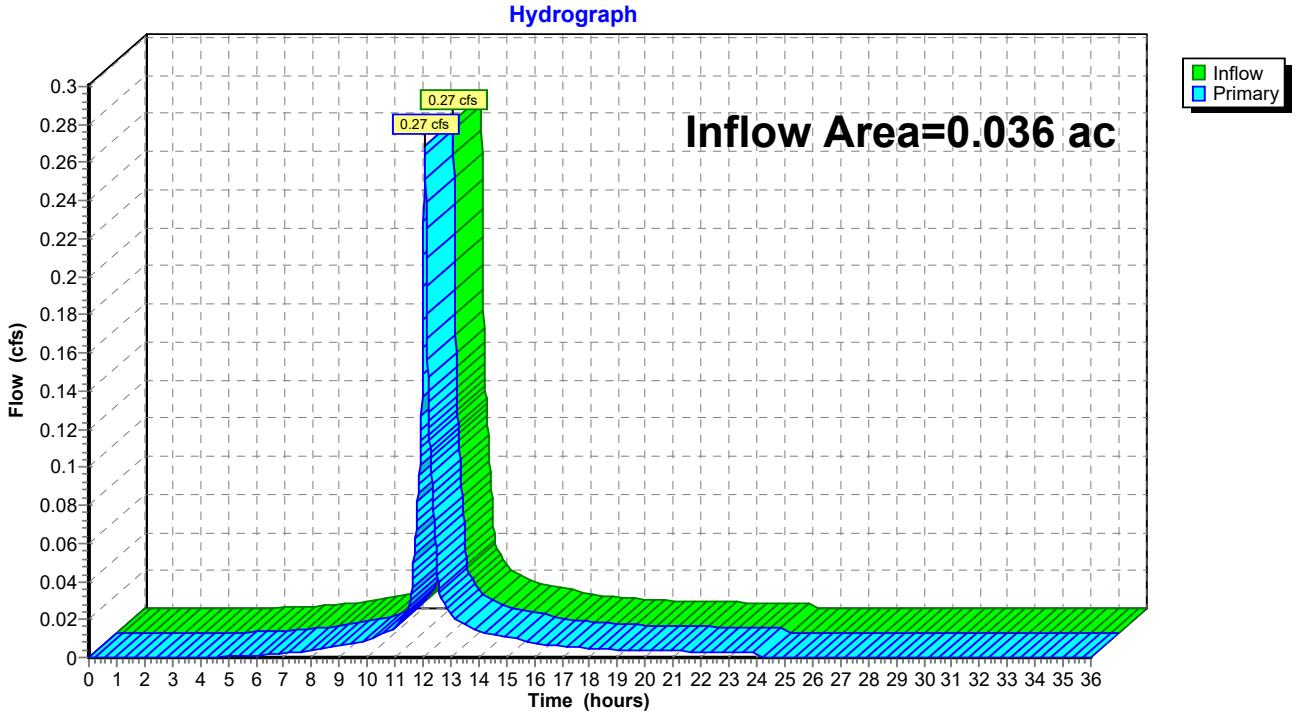


Summary for Link DP-1: Dudley Street

Inflow Area = 0.036 ac, 35.96% Impervious, Inflow Depth = 6.49" for 100-year event
Inflow = 0.27 cfs @ 12.07 hrs, Volume= 0.019 af
Primary = 0.27 cfs @ 12.07 hrs, Volume= 0.019 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-1: Dudley Street

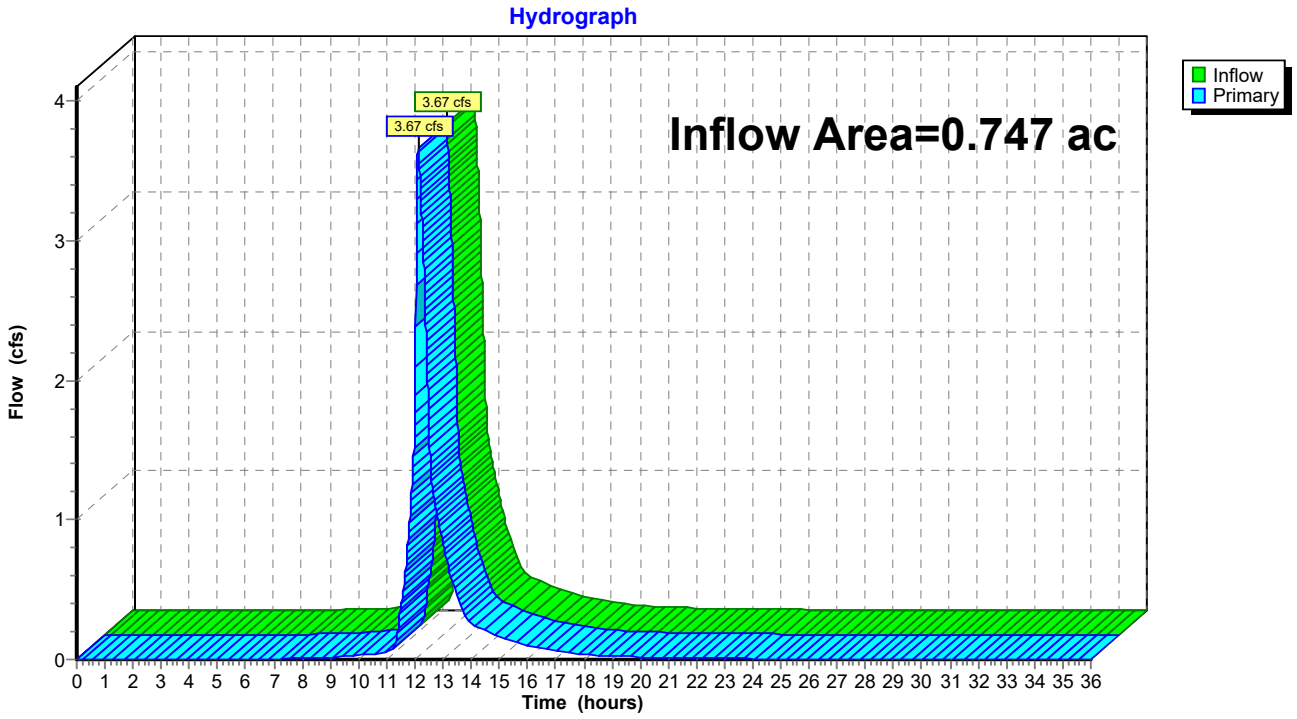


Summary for Link DP-2: Mill Brook

Inflow Area = 0.747 ac, 79.04% Impervious, Inflow Depth = 4.83" for 100-year event
Inflow = 3.67 cfs @ 12.12 hrs, Volume= 0.301 af
Primary = 3.67 cfs @ 12.12 hrs, Volume= 0.301 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-36.00 hrs, dt= 0.01 hrs

Link DP-2: Mill Brook



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Appendix C: Standard 3 Computations and Supporting Documentation

- Geotechnical Report (GeoEngineers Inc., dated January 28, 2022)
- Recharge Volume Calculations
- 72 hour drawdown analysis

Geotechnical Report

GeoEngineers USA
239 Causeway Street, Suite 105
Boston, Massachusetts 02114
617.749.9214

January 28, 2022

PSI Atlantic Arlington Massachusetts LLC
530 Oak Court Drive, Suite 155
Memphis, Tennessee 38117

Attention: Jay Tillman and Jesse Morgan

Subject: Geotechnical Engineering Letter Report
34 Dudley Street
Arlington, Massachusetts
File No. 25754-001-00

GeoEngineers USA, PC (GeoEngineers) is pleased to provide this geotechnical engineering letter report to PSI Atlantic Arlington MA, LLC (PSI) for the proposed redevelopment for the property located at 34 Dudley Street in Arlington, Massachusetts (Site), as shown on Figure 1, Site Locus Map. This letter report is subject to the limitations attached herein.

SITE AND PROJECT DESCRIPTION

The existing site is comprised of a one to two story autobody shop and glass repair shop with a one-story garage located in the southwestern portion of the site and associated paved parking areas. As shown on Figure 2, Exploration Location Plan, the southern portion of the site slopes down to Mill Brook. GeoEngineers observed that portions of the slope have failed or are in poor condition.

Based on our conversations with you and the concept plans provided by VHB, Inc. (VHB), dated November 3, 2021, we understand the project consists of razing the existing structure to allow for the construction of a 5-story self-storage facility with a footprint of approximately 20,000 square feet and associated parking areas and drive aisles. Based on the grading plan we received on January 25, 2022, we understand the building will have a proposed finished floor elevation (FFE) of elevation (El.) 79 feet and will be constructed at-grade without a basement. The site plans indicate that the upper portion of the slope along Mill Brook will be re-graded as part of the redevelopment. A stormwater infiltration system with a bottom of stone invert of El. 69.1 feet is also proposed in the northwestern portion of the Site, as shown on Figure 2.

Existing grades at the site vary between approximately El. 76 feet at the crest of the southern slope by Mill Brook and approximately El. 81 feet in the upper parking lot in the northern portion of the Site. Ground surface elevations in this memorandum are referenced to the North American Vertical Datum of 1988 (NAVD) and elevations are based on interpreting the existing conditions plans by VHB dated October 28, 2021.

SUBSURFACE EXPLORATION PROGRAM

The subsurface exploration program consisted of advancing six borings to depths between approximately 7 to 25 feet below existing ground surface (bgs). The boring program was completed between December 9, 2021, and January 8, 2022. The boring program was designed to meet the intent of the Town of Arlington zoning bylaw for redevelopments residing in the Inland Wetland District (Section 5.8.6 Development Conditions – subsection A.1). In addition, explorations were coordinated with the project environmental consultant, The Vertex Companies (Vertex) of Boston, Massachusetts as part of their Phase I Environmental Site Assessment (ESA). The approximate locations of the explorations are shown on Figure 2 and logs are provided in Attachment A.

Borings were advanced by Crawford Drilling Services, LLC (CDS) of Westminster, Massachusetts on December 18, 2021 using a truck-mounted drill rig equipped with hollow-stem augers and by G&M Subsurface on December 9, 2021 and January 8, 2022 using direct-push drilling methods. The boring programs were continuously observed by a representative from GeoEngineers who examined and classified the soils encountered, obtained representative soil samples, observed groundwater conditions (if present) and prepared a detailed log of each exploration. Soil samples were collected at 5-foot intervals with a 2-inch outside-diameter split-barrel standard penetration test (SPT) sampler. The blow counts are shown on the boring logs at the respective sample depths.

Soils encountered in the borings were visually classified in general accordance with the classification system described in Figure A-1. A key to the boring log symbols is also presented in Figure A-1. The logs of the borings are presented in Figures A-2 through A-7. The boring logs are based on our interpretation of the field and laboratory data and indicate the various types of soils encountered. The logs also indicate the depths at which these soils or their characteristics change, although the changes may actually be gradual. If the change occurred between samples, it was interpreted. The densities noted on the boring logs are based on the blow count data obtained in the borings and judgment based on the conditions encountered.

Geotechnical Laboratory Analysis

Three soil samples, from borings designated GEO-3, GEO-5, and GEO-6, were submitted to Thielsch Engineering of Braintree, Massachusetts by GeoEngineers for geotechnical laboratory testing to obtain index properties. Analyses included grain-size with hydrometer testing to confirm United States Department of Agriculture (USDA) textural classification for Rawls Rate correlations to support preliminary stormwater management design. The samples were selected to represent potential receiving layers within areas of the Site that are anticipated to receive stormwater. Results of the laboratory analysis are provided in Attachment B.

SUBSURFACE CONDITIONS

In general, the soil conditions observed at the Site consist of surface treatments (asphalt) underlain by fill overlying natural granular soils.

The existing fill consists of fine to coarse sand with varying gravel and silt content. Various non-soil constituents, consistent with historic (urban) fill, such as brick, asphalt, glass, and ash particles were observed within the fill layer.

The natural soil deposit is a glacial outwash deposit, consisting of dense to very dense sand with varying amounts of coarse gravel and silt. Coarse gravel and frequent cobbles were persistent throughout the outwash deposit and resulted in frequent auger and direct push refusal between 7 and 25 feet bgs. Cobbles and/or boulders should be expected during excavation of the materials during construction.

Groundwater

Groundwater was observed to be between approximately 15 and 24 feet bgs in the existing wells installed by others, designated MW-1 through MW-3, as indicated in Figure 2. The depths to groundwater shown on Figure 2 are based on measurements by Vertex on December 18, 2021. Installation logs and records of these monitoring wells were not available to us at the time of this letter report.

Groundwater is anticipated to flow southwards, from Dudley Street towards Mill Brook to the south of the Site. It should be noted that groundwater levels will vary depending on seasonal variations in temperature and precipitation and can also be influenced by subsurface utilities, construction development and other factors.

ENVIRONMENTAL CONSIDERATIONS

Please refer to the environmental reports prepared by Vertex regarding any provisions for soil and/or groundwater management during demolition and construction.

GEOTECHNICAL ENGINEERING RECOMMENDATIONS

The paragraphs below provide our geotechnical recommendations for building foundations and site work.

STORMWATER MANAGEMENT DESIGN RECOMMENDATIONS

Based on the subsurface conditions observed in the test borings at the Site, we anticipate the subsurface conditions below the proposed stormwater management to be generally consistent with subsurface conditions encountered in borings GEO-3 and GEO-5, with the exception that there may be a thicker fill layer as the existing building currently resides over the future stormwater management area. We recommend that the future stormwater management area be constructed such that the existing fill material is removed and the natural sand be used as the receiving layer for stormwater infiltration.

Based on grain-size analysis results, we recommend the receiving layer soil be classified as sand and loamy sand based on the USDA soil classification system. These soils are classified by the Hydrologic Soil Group (HSG) A and correlate to Rawls Rates between 2.41 and 8.27 inches per hour. The laboratory results are in the table below. We recommend VHB select the appropriate design value based on the depth of the stormwater management area and their engineering judgement.

Boring ID	Sample Depth (ft)	USDA Classification	Rawls Rate (in/hr)
GEO-3W	5-12	Loamy Sand	2.41
GEO-5W	9-10.8	Loamy Sand	2.41
GEO-6W	5.3-6	Sand	8.27

Note:
Rawls Rates taken from Table 2.3.3 “1982 Rawls Rates” from the Massachusetts Stormwater Handbook Volume 3 Chapter 1.

Evidence of Estimated Seasonal High Groundwater (ESHGW) was not observed during drilling. Based on observations during test borings and measured groundwater data, it is our opinion that ESHGW for the site is greater than 10 feet below ground surface and is not located within 4 feet of the bottom of the proposed stormwater infiltration system.

GEOTECHNICAL DESIGN RECOMMENDATIONS

Below is a summary of the primary geotechnical considerations associated with design and redevelopment of the Site:

- The proposed buildings can be supported by conventional shallow, spread footings and a slab-on-grade.
- The spread footings should bear directly on natural, inorganic, granular soils or on compacted structural fill bearing directly on natural, inorganic, granular soils. Footings should not bear directly on fill material. As such, over-excavation and replacement of the existing fill material will be necessary as specified herein. Over-excavation could extend from approximately 2 to 8 feet below existing grade.
- The top two (2) feet of fill below the slab should be excavated and replaced and recompacted prior to placing base course. The fill that is present and extends more than 2 feet below finished grade may remain in place provided is compacted as specified herein.
- Fill material below future pavement areas may remain in place provided it is proof-compacted as specified herein. Existing foundations, slabs, concrete, asphalt, utilities, and any remnants of the existing development should be removed in their entirety below building areas.
- We anticipate the inorganic, granular, on-site fill can be re-used as backfill outside of building areas provided it is placed and compacted in accordance with project specifications.
- The proximity of the southern building footings to the existing slope have the potential to create slope instability. As such, regrading of that slope to a minimum 2H:1V slope angle should be incorporated into the design considerations. Alternatively, the foundations along the slope edge should be installed deeper than the minimum frost depth.

Foundation Design Criteria

We recommend that the building be supported on shallow spread footings bearing on natural soils or on structural fill placed directly over natural soils. Some over-excavation of the existing fill material will be necessary to expose the top of the natural soils suitable for footing bearing. Fill should be over-excavated from within the zone of influence (ZOI) of the footings to expose the top of the natural soil. The ZOI is defined as a one horizontal to one vertical (1H:1V) line projecting outward and downward from the outside edge of the foundation element.

Allowable Bearing Pressure

For foundations constructed as recommended in this memorandum, we recommend using a net allowable bearing pressure of 2 tons per square foot (TSF) for footings bearing on natural, granular soil, or compacted structural fill bearing on natural soil deposits. The allowable soil bearing pressure applies to the total of dead and long-term live loads.

Foundation Dimensions

The minimum recommended lateral dimension for isolated spread footings is 36 inches, while continuous wall footings should be at least 18 inches wide. Footings in areas exposed to freezing temperatures should be founded at least 4 feet below exterior finished grade for frost protection. Interior footings, in areas not exposed to freezing temperatures, should be at least 24 inches below finished floor grade, or depth that provides at least 12 inches between top of footing and finished floor elevation, whichever is deeper.

Please note that the depth of the footings adjacent to the existing slope may need to be extended deeper to limit the potential for slope instability. Further analysis of this requirement is needed pending final grading and final design of the footing dimensions based on the net allowable bearing capacity provided herein.

Settlement

Provided the footing subgrade is prepared as recommended herein, we estimate that the total post-construction settlement will be less than 1 inch. Differential settlements are estimated to be less than 0.5 inches between adjacent columns but will vary based on live load distribution and column spacing.

Slab on Grade Design Criteria

As stated herein, the top 2 feet of fill material should be excavated, replaced and recompacted prior to placing the base course material. The slab should consist of a soil supported slab-on-grade. The base course layer directly below the slab should consist of 6 inches of MassDOT Item M2.01.7 Dense-graded Crushed Stone. Provided the subgrade soils are prepared as recommended herein, the slab should be designed as a beam on an elastic foundation with modulus of subgrade reaction of 150 pounds per cubic inch (pci).

Existing Fill Material

Based on observations and soil classification, we anticipate that the existing granular fill may be suitable for reuse below pavement areas provided it can be placed and compacted as specified herein.

Slope Rehabilitation Considerations

Given the poor condition of the existing slope, we recommend that the south-facing slope along Mill Brook be re-graded to a minimum 2H:1V slope angle as part of reconstruction. Rehabilitated slopes should incorporate vegetative development and erosion control barriers to limit runoff and improve slope stability. Once structural column loads and footing sizes are available, we recommend that the slope stability be evaluated.

Earthwork Procedures for Preparation of Building Pad Areas

The following paragraphs describe the recommended earthwork procedures for preparation of the building areas.

- Foundations, utilities, existing concrete, topsoil and pavement, should be removed from the proposed building areas in their entirety.
- The existing fill material should be removed from the zone of influence (ZOI) of the footings in its entirety (to natural soil subgrade). For construction purposes, the ZOI is defined as the area within a line projecting outward and downward from the outside edge of the proposed footing at a 1H:1V (horizontal to vertical) slope. Fill material present in the buildings outside the ZOI may remain in place provided it is prepared as specified below.
- Fill below the proposed slab-on-grade should be excavated by 2 feet, replaced and recompacted as specified herein, provided the onsite fill meets the specifications herein for Structural Fill.
- The excavated site soil may be re-used as backfill provided it meets the requirements for Structural Fill provided herein. The fill should be placed in 12-inch-thick loose lifts and compacted to at least 95 percent of its maximum dry density (MDD) as determined by ASTM International (ASTM) D1557 Method C (modified proctor).

- After removing the existing fill as described above, the surface of the inorganic soils within the building footprint and 5 feet beyond the exterior walls should be proof compacted with at least six passes of a 10-ton vibratory roller (or equivalent effort) under the observation of a qualified geotechnical engineer, or his/her representative. Any soft or loose zones identified by proof compaction should be evaluated by excavation and replaced with compacted Structural Fill as specified herein.
- Temporary cut slopes for the over-excavation of fill material below proposed footings for building foundations should be conducted at a 2H:1V slope to maintain a safe excavation. The footing subgrade (at the bottom of the over-excavation) should be proof compacted, prior to the placement of raise-in-grade fill, with at least six passes of a 1,000-pound vibratory plate compactor.
- For the slab-on-grade, the subgrade should be proof-compacted with at least six passes of a 10,000-pound vibratory roller. Any soft or loose areas identified during proof-compaction should be over-excavated and replaced with Structural Fill as specified herein. The top 6 inches of fill directly below the slab should consist of base course material as specified herein. The fill should be placed in maximum 12-inch-thick loose lifts and compacted to at least 95 percent of its maximum dry density (MDD) as determined by ASTM International (ASTM) D1557 Method C (modified proctor).

Structural Fill

Fill placed to directly below and within the ZOI of foundations, within 5 feet of the bottom of slab elevation, within 5 feet of utilities (bottom and sides), and within 5 feet of finished grade for pavements and sidewalks should consist of Structural Fill as described below:

- Structural Fill used as base course for the building slab should meet the requirements of Dense-Graded Crushed Stone (1½-inch minus crushed stone) or Gravel Borrow – Type B, MASSDOT, Items M2.01.7-1 or M1.03.0 Type B, respectively.
- Structural fill placed as base course below pavements and sidewalks should meet the requirements of Dense-Graded Crushed Stone (1½-inch minus crushed stone - Type B, MASSDOT, Items M2.01.7-1), Gravel Borrow (M1.03.0 - Type B), or Reclaimed Pavement Borrow (M1.09.0-1) in pavement areas only. Reclaimed Pavement Borrow should not be placed within the building footprint.
- Structural Fill placed as backfill of over-excavation below footings and within the ZOI of footings, and as general raise-in-grade fill in non-building areas (below base course) should consist of the following:

Sieve Size	Percent Passing By Weight
4-inch	100
1-inch	70-100
No. 4	30-60
No. 200	0-15

- Structural fill placed within irregularly shaped utility trenches or trenches not accessible to compaction equipment should consist of Controlled Density Fill (CDF) consisting of high slump Portland cement concrete with a compressive strength less than 150 pci at 28 days, otherwise the trench should be backfilled in accordance with the project specifications.
- Structural fill placed to stabilize footing subgrades, if needed, and for the proposed infiltration gallery crushed stone layer should meet the requirements of Crushed Stone (¾-inch crushed gravel), MASSDOT, Item M2.01.4.

Crushed Stone should be compacted with at least six passes of a 1,000-pound vibratory plate compactor, or until visibly firm and stable, as determined by the Geotechnical Engineer, or his/her qualified representative.

Earthwork Procedures for Preparation of Pavement Areas

- In proposed pavement areas, the existing asphalt, topsoil, foundations, slabs, and site utilities should be removed in their entirety. Where existing, deep utilities (>6 feet bgs) are present in proposed parking areas, it is acceptable to completely fill the utility with flowable fill and abandon the utility in-place.
- The exposed subgrade for future parking areas should be proof-compacted with at least six passes of a 10 ton vibratory roller (or equivalent effort) under the observation of a qualified geotechnical engineer, or his/her representative is recommended. Any soft or loose areas identified by the proof-compaction should be removed in their entirety and replaced with Structural Fill as specified herein.
- General raise-in-grade fill in parking areas should consist of Structural Fill and placed and compacted as specified herein.
- Base course for pavement should placed in 12-inch-thick loose lifts and compacted to at least 95 percent of its maximum dry density (MDD) as determined by ASTM International (ASTM) D1557 Method C (modified proctor).

Recommended Pavement Design

Parking area and access drive pavement subgrades should be prepared as specified herein. If soft or loose soils are encountered, such unsuitable subgrade soils should be over-excavated in their entirety and replaced with Structural Fill as specified herein.

Asphalt Concrete Pavement for Parking Areas

The pavement design is intended to strike a balance between performance and cost in consideration of the soil available at the Site and anticipated traffic loads (passenger vehicles). We recommend the following (minimum) flexible pavement cross-sections for both standard and heavy-duty applications.

Layer	Standard Duty	Heavy Duty
	Thickness	
Asphalt Wearing Course (MassDOT Item M3.11.03)	1.5 inches	1.5 inches
Asphalt Binder Course (MassDOT Item M3.11.03)	1.5 inches	2.5 inches
Pavement Base Course (Reclaimed Pavement Borrow, MassDOT Item M1.09.0, or Dense-Graded Crushed Stone, MassDOT Item M2.01.7)	9 inches	9 inches

LIMITATIONS

We have prepared this preliminary design memorandum for the exclusive use of PSI Atlantic Arlington MA, LLC and their authorized agents for 34 Dudley Street in Arlington, Massachusetts.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted practices in the field of geotechnical engineering in this area at the time this memorandum was prepared. No warranty or other conditions, express or implied, should be understood.

Please refer to Appendix C, "Design Memorandum Limitations and Guidelines for Use" for additional information pertaining to use of this memorandum.

Sincerely,
GeoEngineers, Inc.

Mark N. Ruberti, PE
Geotechnical Engineer (MA)

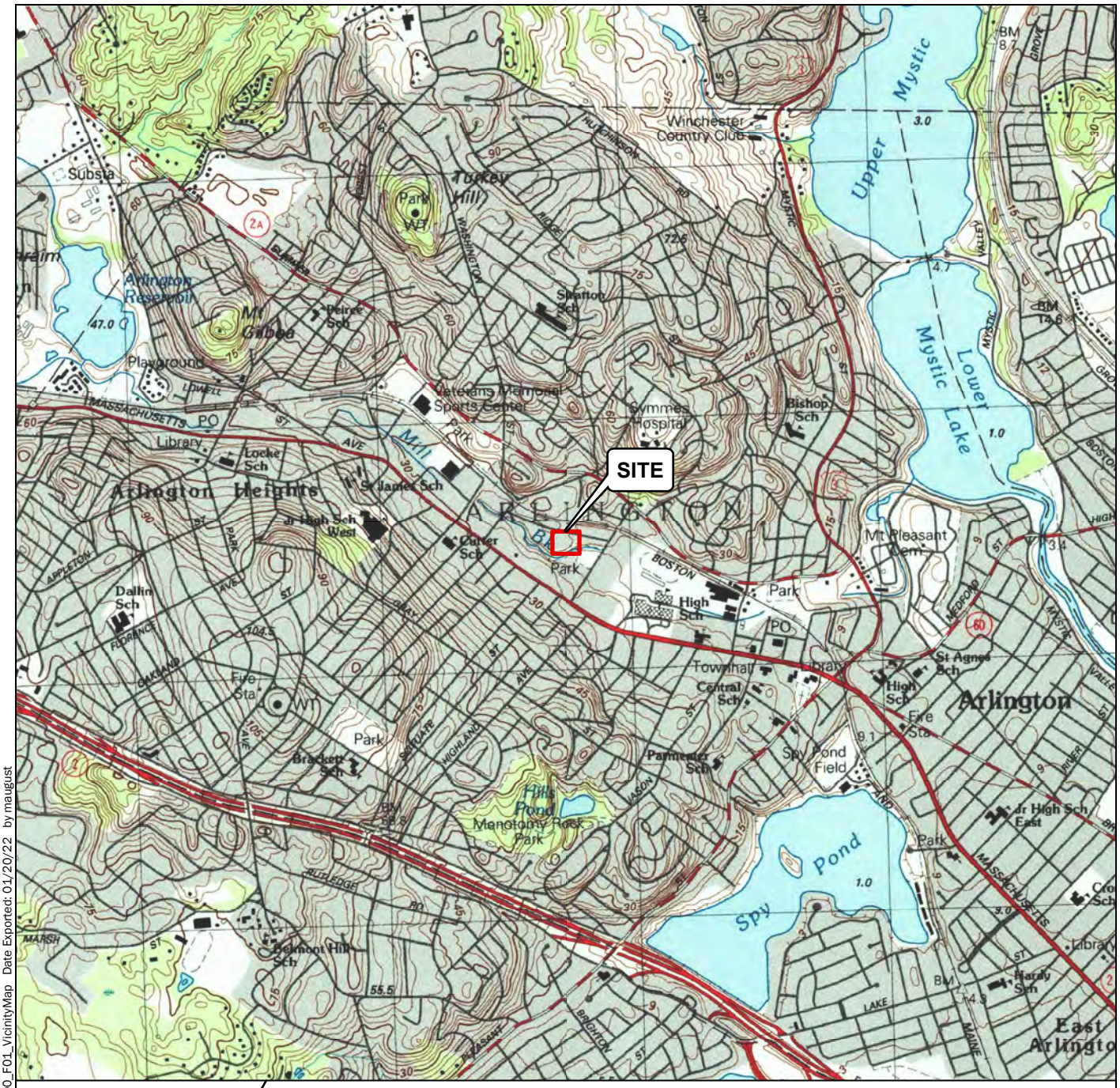
Stan S. Sadkowski, PE
Principal Geotechnical Engineer (MA)

MNR:SSS:kab

Attachments:
Figure 1. Site Locus Map
Figure 2. Exploration Location Plan
Appendices:
Appendix A. Boring Logs
Figure A-1. Key to Exploration Logs
Figures A-2 through A-7. Logs of Borings
Appendix B. Laboratory Testing Data Sheet
Figure 21-S-B478 through 21-S-B480 - Particle Size Distribution Report
Figure S-B478-B480 – USDA Soil Classification
Appendix C. Design Memorandum Limitations and Guidelines for Use

One copy submitted electronically

Disclaimer: Any electronic form, facsimile or hard copy of the original document (email, text, table, and/or figure), if provided, and any attachments are only a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record



Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: ESRI, USGS 24K Quadrangle Boston North, 1985.

Projection: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet

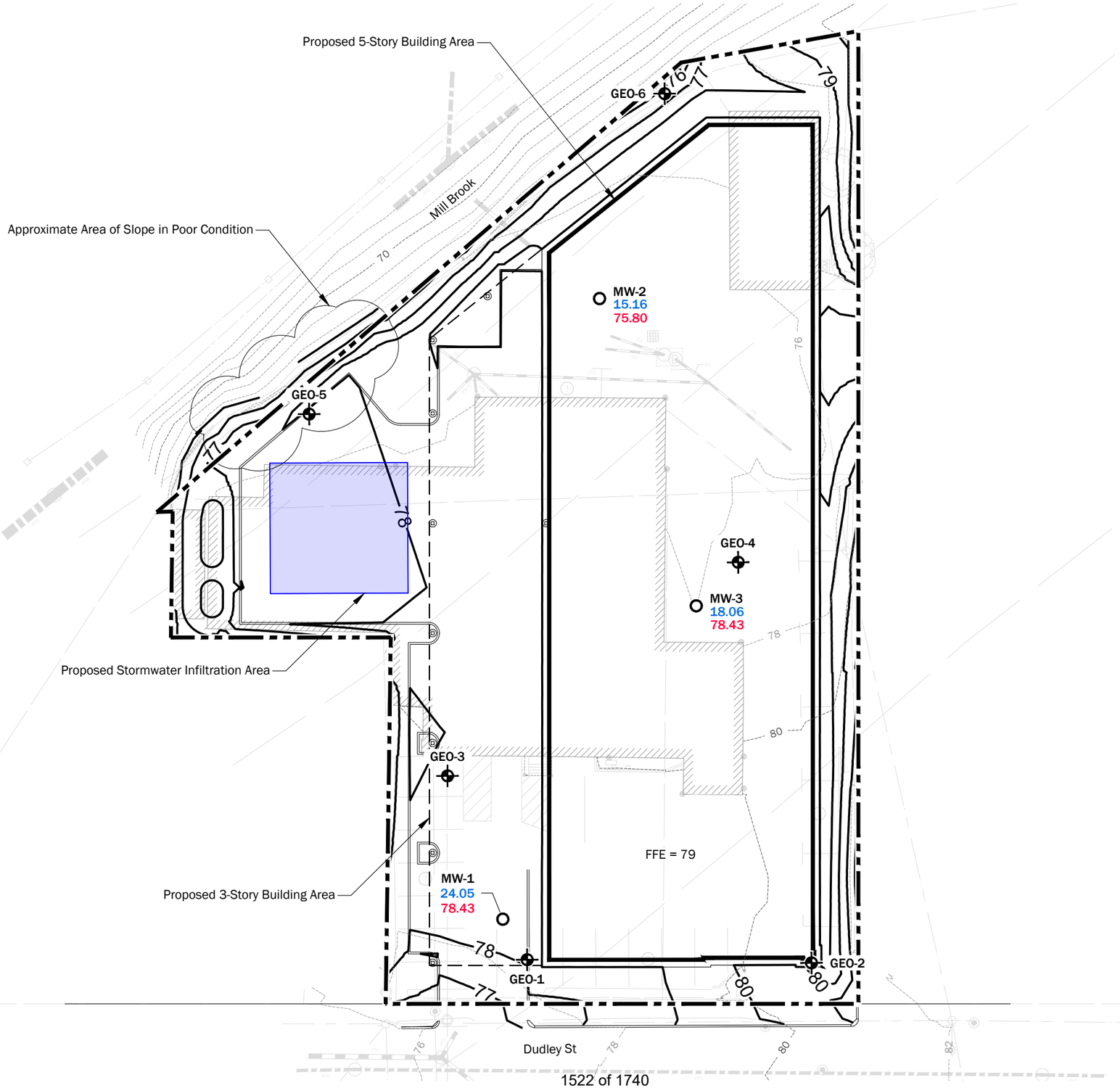
Site Locus Map

34 Dudley Street
Arlington, Massachusetts

GeoEngineers USA

Figure 1

P:\25\25754001\GIS\25754001_Project\25754001_Project.aprx\2575400100_F01_VicinityMap Date Exported: 01/20/22 by maugust



Legend

- Property Boundary
- Existing Building
- Proposed 5-Story Building Area
- Proposed 3-Story Building Area
- 80 — Proposed Grading
- Proposed Stormwater Infiltration Area
- GEO-1 — Boring by GeoEngineers, Inc., 2021 and 2022
- MW-1 — Monitoring Well by Others
  - 24.05 — Depth to Groundwater (Feet bgs) Based on Measurements Collected on December 18, 2021
  - 78.43 — Well Elevation (Feet)

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers USA, P.C. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers USA, P.C. and will serve as the official record of this communication.

Source(s): Background from VHB dated 10-28-2021.

Projection: MA State Plane, Mainland Zone, NAD83, US Foot

30 0 30
Feet

Exploration Location Plan

34 Dudley St
Arlington, Massachusetts

GeoEngineers USA | **Figure 2**

P:\25\25754001\CAD\00\SW and GT Design Memo\25754001100_F02_Exploration Location Plan.dwg TAB:F02 Date Exported: 01/28/22 - 9:45 by gregister

APPENDIX A
Boring Logs

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
MORE THAN 50% RETAINED ON NO. 200 SIEVE	SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS
				SP	POORLY-GRADED SANDS, GRAVELLY SAND
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% PASSING NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
	AC	Asphalt Concrete
	CC	Cement Concrete
	CR	Crushed Rock/ Quarry Spalls
	SOD	Sod/Forest Duff
	TS	Topsoil

Groundwater Contact

Measured groundwater level in exploration, well, or piezometer

Measured free product in well or piezometer

Graphic Log Contact

Distinct contact between soil strata

Approximate contact between soil strata

Material Description Contact

Contact between geologic units

Contact between soil of the same geologic unit

Sampler Symbol Descriptions

2.4-inch I.D. split barrel

Standard Penetration Test (SPT)

Shelby tube

Piston

Direct-Push

Bulk or grab

Continuous Coring

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

"P" indicates sampler pushed using the weight of the drill rig.

"WOH" indicates sampler pushed using the weight of the hammer.

Laboratory / Field Tests

%F	Percent fines
%G	Percent gravel
AL	Atterberg limits
CA	Chemical analysis
CP	Laboratory compaction test
CS	Consolidation test
DD	Dry density
DS	Direct shear
HA	Hydrometer analysis
MC	Moisture content
MD	Moisture content and dry density
Mohs	Mohs hardness scale
OC	Organic content
PM	Permeability or hydraulic conductivity
PI	Plasticity index
PL	Point lead test
PP	Pocket penetrometer
SA	Sieve analysis
TX	Triaxial compression
UC	Unconfined compression
UU	Unconsolidated undrained triaxial compression
VS	Vane shear

Sheen Classification

NS	No Visible Sheen
SS	Slight Sheen
MS	Moderate Sheen
HS	Heavy Sheen

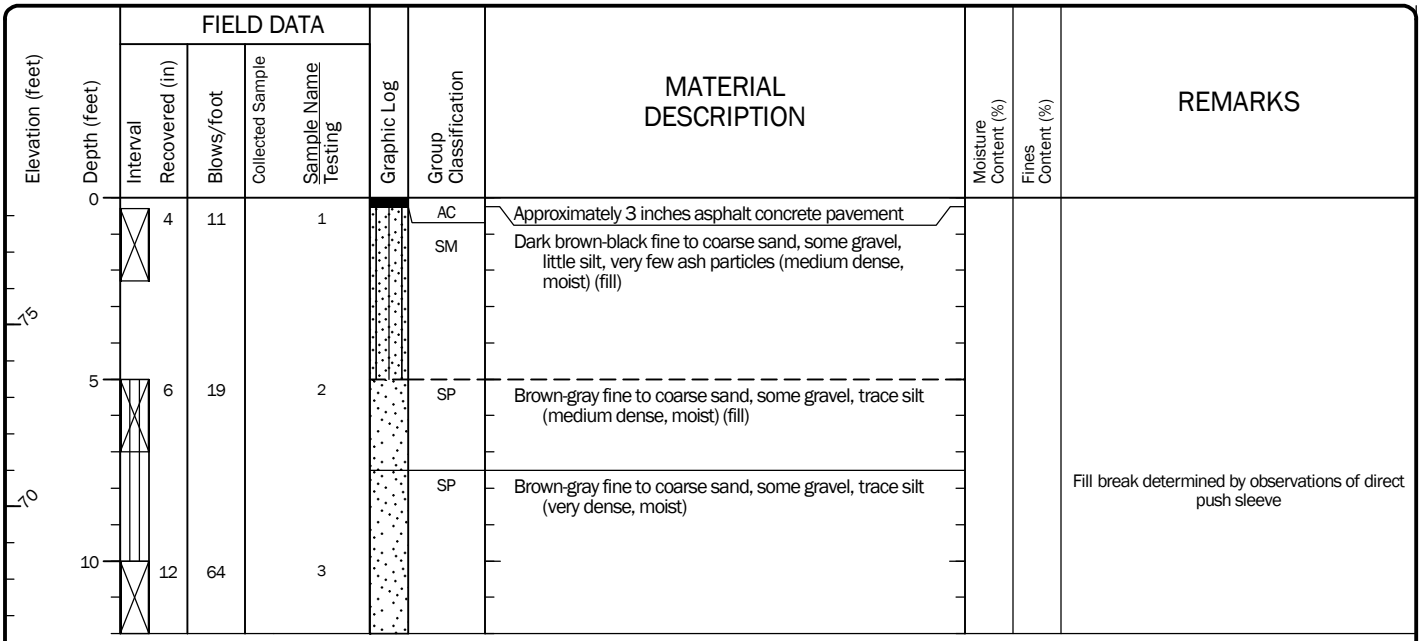
NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

Key to Exploration Logs

GeoEngineers USA

Figure A-1

Drilled Start 1/8/2022 End 1/8/2022	Total Depth (ft) 12	Logged By PS/MR Checked By	Driller G&M Subsurface	Drilling Method Direct Push	
Surface Elevation (ft) 78.5 Vertical Datum NAVD88	Hammer Data Autohammer 140 (lbs) / 30 (in) Drop	Drilling Equipment GeoProbe 7822DT			
Easting (X) Northing (Y)	System Datum	Groundwater not observed at time of exploration			
Notes:					



Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Log of Boring GEO-1

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Date:1/28/22 Path:P:\25\25754001\GINT\25754001.GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

Drilled Start 12/18/2021 End 12/18/2021	Total Depth (ft) 12.75	Logged By SR/MR Checked By	Driller Crawford Drilling Service	Drilling Method Hollow-stem Auger	
Surface Elevation (ft) 80.5 Vertical Datum NAVD88		Hammer Data Autohammer 140 (lbs) / 30 (in) Drop		Drilling Equipment B52 Turck Rig	
Easting (X) Northing (Y)		System Datum		Groundwater not observed at time of exploration	

Notes:

Elevation (feet)	Depth (feet)	FIELD DATA: Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
80	0	10	36		1		AC	Approximately 3 inches asphalt concrete pavement			
							SM	Dark brown fine to coarse sand with some gravel, little silt (dense, moist) (fill)			
75	5	13	34		2		SP	Brown fine to coarse sand with some gravel, trace silt (dense, moist)			
70	10	11	72		3		SM	Brown fine to coarse sand with some gravel, little silt (very dense, moist)			
								Boring terminated at approximately 12.8 feet below ground surface due to auger refusal			

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Log of Boring GEO-2

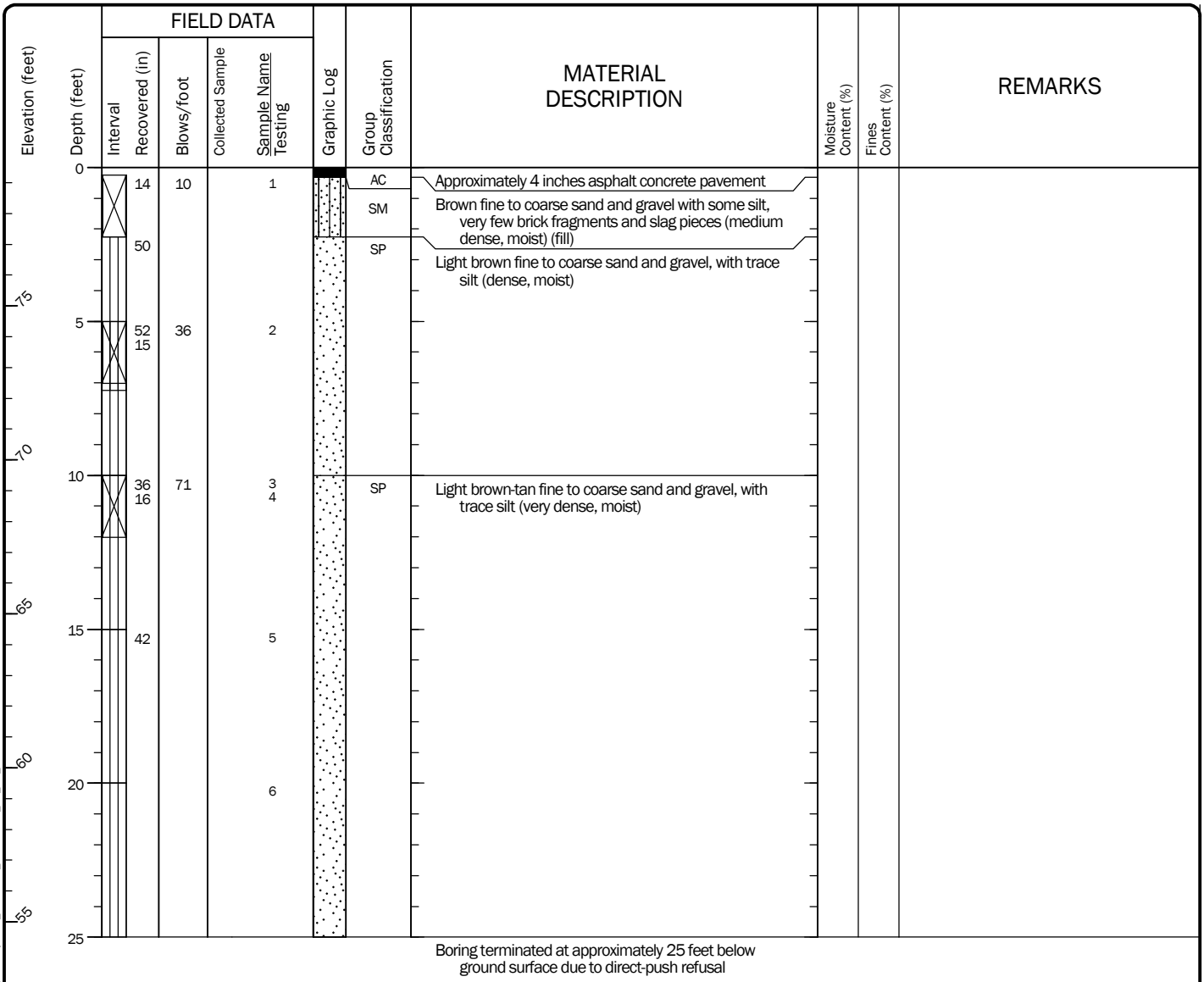
GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Date:1/28/22 Path:P:\25\25754001\GINT\25754001GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

Drilled	Start 12/9/2021	End 12/9/2021	Total Depth (ft)	25	Logged By / Checked By	VT	Driller	G&M Subsurface	Drilling Method	Direct Push
Surface Elevation (ft) / Vertical Datum	79.5 NAVD88		Hammer Data	Autohammer 140 (lbs) / 30 (in) Drop			Drilling Equipment	GeoProbe 7822DT		
Easting (X) / Northing (Y)			System Datum				Groundwater not observed at time of exploration			

Notes:



Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Log of Boring GEO-3

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Figure A-4
Sheet 1 of 1

Date:1/28/22 Path:P:\25\25754001\GINT\25754001100.GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

Drilled Start 1/8/2022 End 1/8/2022	Total Depth (ft) 7	Logged By PS/MR Checked By	Driller G&M Subsurface	Drilling Method Direct Push	
Surface Elevation (ft) 76 Vertical Datum NAVD88	Hammer Data Autohammer 140 (lbs) / 30 (in) Drop	Drilling Equipment GeoProbe 7822DT			
Easting (X) Northing (Y)	System Datum	Groundwater not observed at time of exploration			

Notes:

Elevation (feet)	Depth (feet)	FIELD DATA: Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
75	0	12	32		1		AC	Approximately 5 inches asphalt concrete pavement			Boring terminated at approximately 2.2 ft below ground surface due to direct push refusal; offset approximately 5 ft to the east and resumed advancing exploration
							SP	Brown-gray fine to coarse sand, some gravel, trace silt (dense, moist) (fill)			
70	5	15	80		2		SP	Brown-gray fine to coarse sand, some gravel, trace silt (very dense, moist)			
								Boring terminated at approximately 7 feet below ground surface due to direct push refusal			

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Date:1/28/22 Path:P:\25\25754001\GINT\25754001.GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEIB_GEOTECH_STANDARD_%F_NO_GW

Log of Boring GEO-4

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Drilled Start 12/18/2021 End 12/18/2021	Total Depth (ft) 16.25	Logged By SR/MR Checked By	Driller Crawford Drilling Service	Drilling Method Hollow-stem Auger	
Surface Elevation (ft) 75.5 Vertical Datum NAVD88	Hammer Data Autohammer 140 (lbs) / 30 (in) Drop	Drilling Equipment B52 Turck Rig			
Easting (X) Northing (Y)	System Datum	Groundwater not observed at time of exploration			
Notes:					

Elevation (feet)	Depth (feet)	FIELD DATA: Interval Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
75	0	12	12		1		AC	Approximately 3 inches asphalt concrete pavement			
							SM	Dark brown fine to coarse sand with some gravel, little silt, very few asphalt pieces, very few glass particles (medium dense, moist) (fill)			
70	5	6	9		2		SP	Brown fine to coarse sand with some gravel, trace silt, very few asphalt pieces (loose, moist) (fill)			
65	10	10	71		3		GP	Gray gravel with some sand, trace silt (very dense, moist)			
60	15	0	50/5"		4		NR	No recovery (very dense)			
							SP	Gray fine to coarse sand and gravel, with trace silt (very dense, moist)			
		4	50/4"		5			Boring terminated at approximately 16.3 feet below ground surface due to auger refusal			

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Log of Boring GEO-5

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Date:1/28/22 Path:P:\25\25754001\GINT\25754001GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

Drilled Start 12/18/2021 End 12/18/2021	Total Depth (ft) 10.5	Logged By SR/MR Checked By	Driller Crawford Drilling Service	Drilling Method Hollow-stem Auger	
Surface Elevation (ft) 74.5 Vertical Datum NAVD88		Hammer Data Autohammer 140 (lbs) / 30 (in) Drop		Drilling Equipment B52 Turck Rig	
Easting (X) Northing (Y)		System Datum		Groundwater not observed at time of exploration	

Notes:

Elevation (feet)	Depth (feet)	FIELD DATA: Interval	Recovered (in)	Blows/foot	Collected Sample	Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Moisture Content (%)	Fines Content (%)	REMARKS
	0							AC	Approximately 3 inches asphalt concrete pavement			
			8	36		1		SM	Dark brown fine to coarse sand with some gravel, little silt, few wood pieces, very few brick particles (dense, moist) (fill)			
70												
	5		12	42		2		SM	Dark brown fine to coarse sand with little gravel and little silt (dense, moist) (fill)			Boring terminated at approximately 4 feet below ground surface due to auger refusal; offset approximately 10 feet northwest and continued advancing exploration
								SP	Brown fine to coarse sand with some gravel, trace silt (dense, moist)			
65												
	10		11	88/11"		3						

Boring terminated at approximately 10.5 feet below ground surface due to auger refusal

Note: See Figure A-1 for explanation of symbols.
Coordinates Data Source: Horizontal approximated based on (undetermined). Vertical approximated based on Google Earth.

Log of Boring GEO-6

GeoEngineers USA

Project: 34 Dudley Street
Project Location: Arlington, Massachussetts
Project Number: 25754-001-00

Date:1/28/22 Path:P:\25\25754001\GINT\25754001GPJ DBLibrary/Library:GEOUSA_DF_STD_US.GLB/GEI8_GEOTECH_STANDARD_%F_NO_GW

APPENDIX B
Laboratory Testing Data Sheet

THIELSCH ENGINEERING
195 Frances Avenue
Cranston RI, 02910
Phone: (401)-467-6454
Fax: (401)-467-2398
thielsch.com
Let's Build a Solid Foundation

Client Information:
GeoEngineers, Inc.
239 Causeway Street, Boston, MA 02114
PM: Mark Ruberti
Assigned By: Mark Ruberti
Collected By: Client

Project Information:
34 Dudley Street
Arlington, MA
GeoEngineers Project Number: 25754-001-00
Summary Page: 1 of 1
Report Date: 01.03.2022

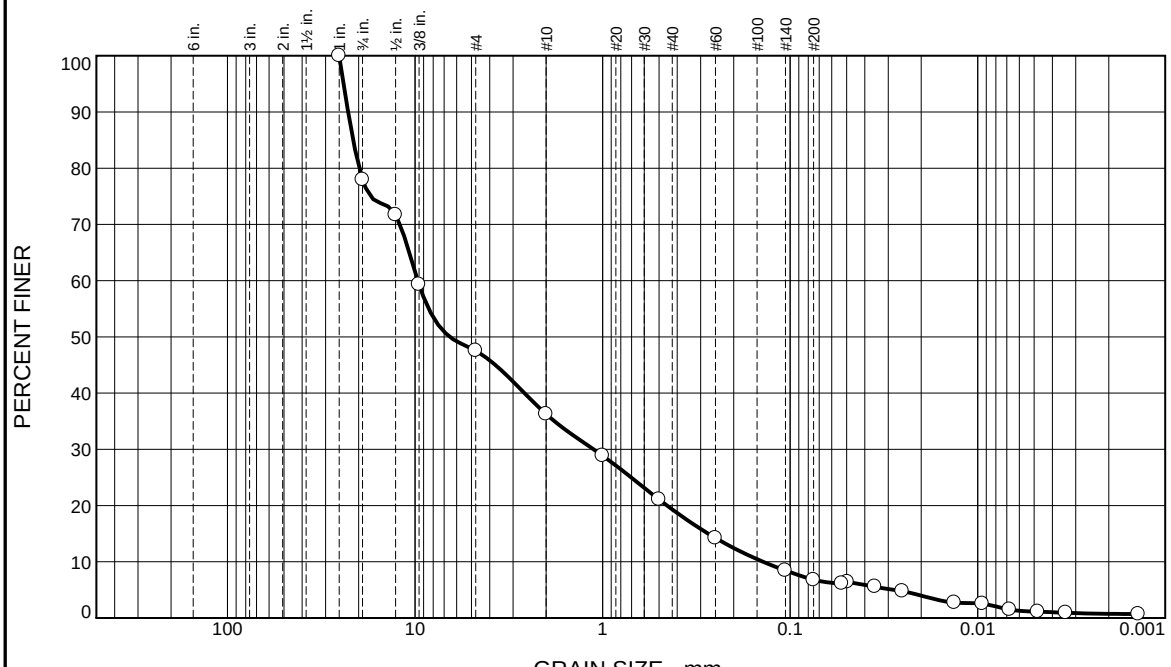
LABORATORY TESTING DATA SHEET, Report No.: 7421-M-B010

Material Source	Sample No.	Depth (Ft)	Laboratory No.	Identification Tests								Proctor / CBR / Permeability Tests								Laboratory Log and Soil Description
				As Received Water Content %	LL %	PL %	Gravel %	Sand %	Fines %	Org. %	G_s	Dry unit wt. pcf	Test Water Content %	γ_d MAX (pcf) / W_{opt} (%)	γ_d MAX (pcf) / W_{opt} (%) (Corr.)	Target Test Setup as % of Proctor	CBR @ 0.1"	CBR @ 0.2"	Permeability cm/sec	
				D2216	D4318		D6913			D2974	D854			D1557						
Boring	GEO-3 (S2 & S3)	5-12	21-S-B478				63.7	30.1	6.2											Light Brown loamy sand
Boring	GEO-5 (S1)	9-10.8	21-S-B479				68.3	23.9	7.8											Grey loamy sand
Boring	GEO-6 (S-1B)	5.3-6	21-S-B480				53.0	40.8	6.2											Light Brown sand

Date Received: ***12.21.21*** Reviewed By: Christine M Colburn Date Reviewed: ***01.03.22***

This report only relates to items inspect and/or tested. No warranty, expressed or implied, is made.
This report shall not be reproduced, except in full, without prior written approval from the Agency, as defined in ASTM E329.

Particle Size Distribution Report



% Stones	% +3"	% Gravel			% Sand					% Silt		% Clay
		Coarse	Medium	Fine	V. Crs.	Crs.	Med.	Fine	V. Fine	Crs.	Fine	
0.0	0.0	22.1	30.4	11.2	7.4	7.8	6.9	6.1	1.9	2.2	3.3	0.7

Test Results (D6913 & ASTM D 1140)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1"	100.0		
3/4"	77.9		
1/2"	71.7		
3/8"	59.3		
#4	47.5		
#10	36.3		
#18	28.9		
#35	21.1		
#60	14.2		
#140	8.4		
#200	6.8		
#270	6.2		
0.0494 mm.	6.4		
0.0353 mm.	5.6		
0.0252 mm.	4.8		
0.0133 mm.	2.7		
0.0094 mm.	2.5		
0.0068 mm.	1.5		
0.0048 mm.	1.1		
0.0034 mm.	0.9		
0.0014 mm.	0.7		

* (no specification provided)

Material Description

Light Brown loamy sand

Atterberg Limits (ASTM D 4318)

PL= NP **LL=** NV **PI=** NP

Classification

USCS (D 2487)= GP-GM **AASHTO (M 145)=** A-1-a

Coefficients

D_{90}= 22.7414 D_{85}= 21.3790 D_{60}= 9.6783
D_{50}= 6.5171 D_{30}= 1.1164 D_{15}= 0.2733
D_{10}= 0.1393 C_u= 69.50 C_c= 0.92

Remarks

Date Received: 12/21/21 **Date Tested:** 12/28/21

Tested By: DN / CC

Checked By: Christina Colman

Title: Laboratory Supervisor

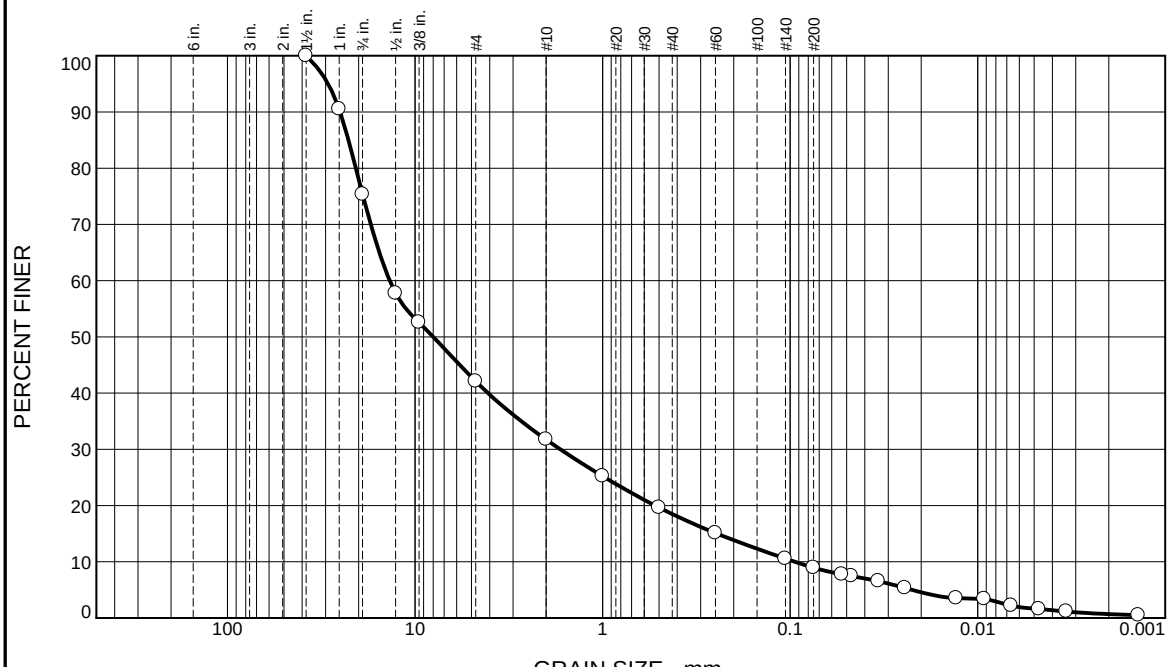
Source of Sample: Boring **Depth:** 5-12' **Date Sampled:**
Sample Number: GEO-3 (S2 & S3)

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.
Project: 34 Dudley Street
Arlington, MA
Project No: 25754-001-00 **Figure** 21-S-B478

Particle Size Distribution Report



% Stones	% +3"	% Gravel			% Sand					% Silt		% Clay
		Coarse	Medium	Fine	V. Crs.	Crs.	Med.	Fine	V. Fine	Crs.	Fine	
0.0	0.0	24.6	33.3	10.4	6.5	5.6	4.5	4.8	2.5	3.2	3.9	0.7

Test Results (D6913 & ASTM D 1140)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1 1/2"	100.0		
1"	90.5		
3/4"	75.4		
1/2"	57.8		
3/8"	52.6		
#4	42.1		
#10	31.7		
#18	25.2		
#35	19.6		
#60	15.1		
#140	10.6		
#200	8.9		
#270	7.8		
0.0471 mm.	7.5		
0.0338 mm.	6.6		
0.0244 mm.	5.3		
0.0130 mm.	3.5		
0.0092 mm.	3.4		
0.0066 mm.	2.2		
0.0047 mm.	1.6		
0.0034 mm.	1.1		
0.0014 mm.	0.5		

* (no specification provided)

Material Description

Grey loamy sand

Atterberg Limits (ASTM D 4318)

PL= NP **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= 25.0933 D_{85}= 22.6442 D_{60}= 13.6565
D_{50}= 7.9942 D_{30}= 1.6791 D_{15}= 0.2453
D_{10}= 0.0945 C_u= 144.54 C_c= 2.18

Remarks

Date Received: 12/21/21 **Date Tested:** 12/28/21

Tested By: DN / CC

Checked By: Christina Colman

Title: Laboratory Supervisor

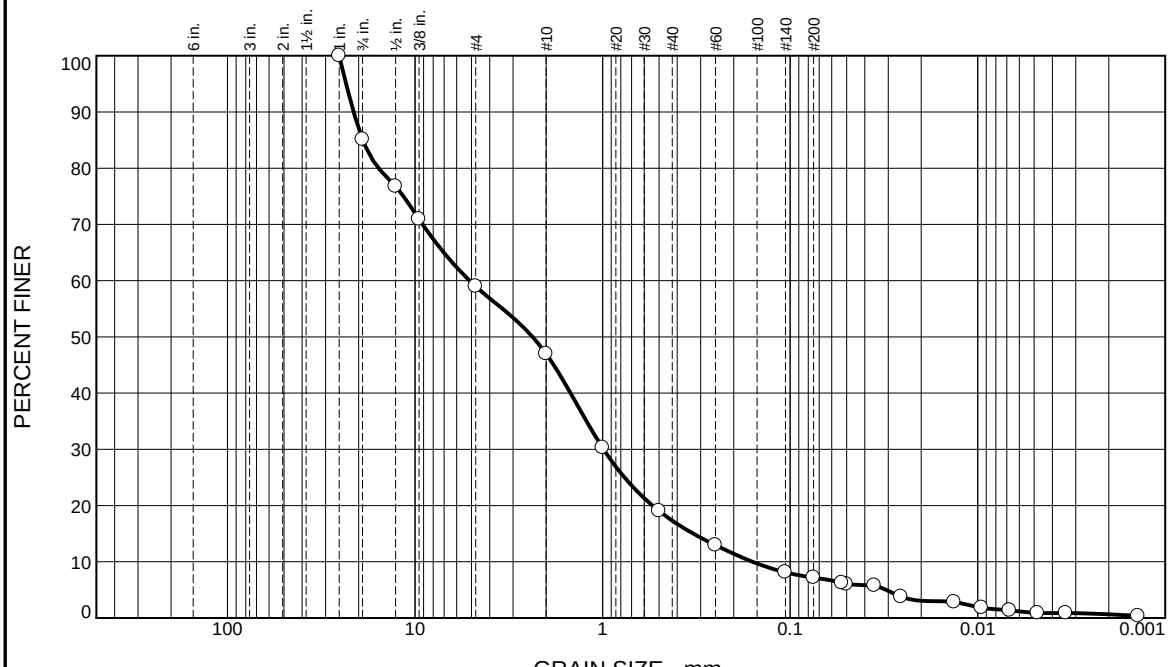
Source of Sample: Boring **Depth:** 9-10.8' **Date Sampled:**
Sample Number: GEO-5 (S1)

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.
Project: 34 Dudley Street
Arlington, MA
Project No: 25754-001-00 **Figure** 21-S-B479

Particle Size Distribution Report



% Stones	% +3"	% Gravel			% Sand					% Silt		% Clay
		Coarse	Medium	Fine	V. Crs.	Crs.	Med.	Fine	V. Fine	Crs.	Fine	
0.0	0.0	14.9	26.1	12.0	16.7	11.3	6.0	5.1	1.7	3.1	2.4	0.7

Test Results (D6913 & ASTM D 1140)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1"	100.0		
3/4"	85.1		
1/2"	76.8		
3/8"	70.9		
#4	59.0		
#10	47.0		
#18	30.3		
#35	19.0		
#60	13.0		
#140	8.1		
#200	7.2		
#270	6.2		
0.0502 mm.	6.0		
0.0356 mm.	5.8		
0.0256 mm.	3.8		
0.0134 mm.	2.8		
0.0095 mm.	1.8		
0.0068 mm.	1.4		
0.0048 mm.	0.9		
0.0034 mm.	0.9		
0.0014 mm.	0.4		

* (no specification provided)

Material Description

Light Brown sand

Atterberg Limits (ASTM D 4318)

PL= NP **LL=** NV **PI=** NP

Classification

USCS (D 2487)= SW-SM **AASHTO (M 145)=** A-1-a

Coefficients

D_{90}= 21.2538 D_{85}= 18.9911 D_{60}= 5.1201
D_{50}= 2.3620 D_{30}= 0.9875 D_{15}= 0.3280
D_{10}= 0.1585 C_u= 32.31 C_c= 1.20

Remarks

Date Received: 12/21/21 **Date Tested:** 12/28/21

Tested By: DN / CC

Checked By: Christina Colman

Title: Laboratory Supervisor

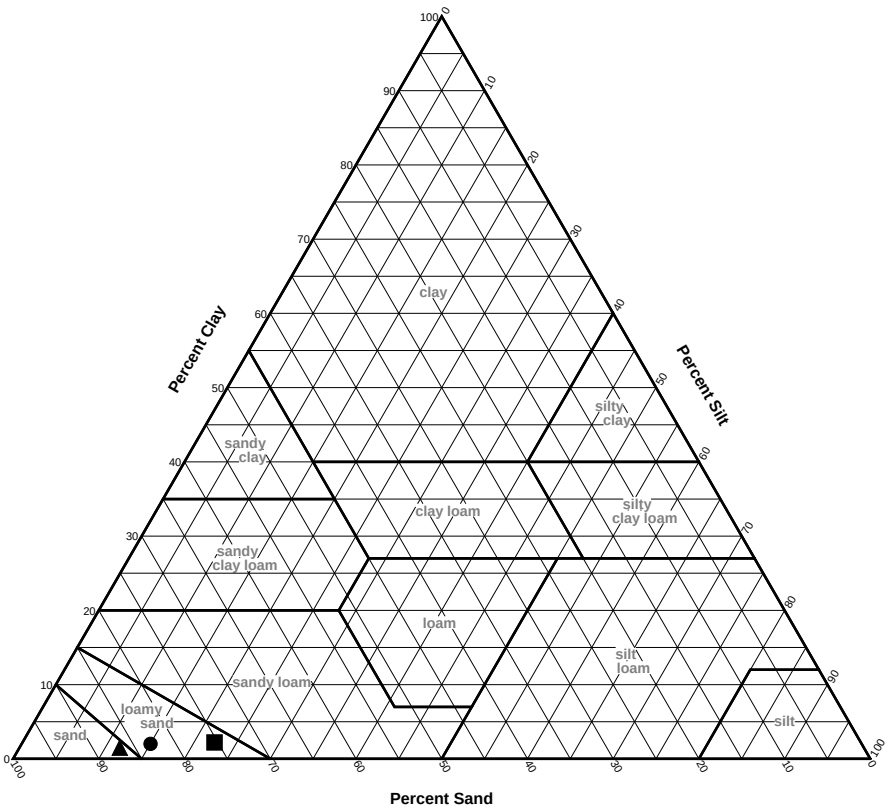
Source of Sample: Boring **Depth:** 5.3-6' **Date Sampled:**
Sample Number: GEO-6 (S-1B)

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.
Project: 34 Dudley Street
Arlington, MA
Project No: 25754-001-00 **Figure** 21-S-B480

USDA Soil Classification



SOIL DATA							
	Source	Sample No.	Depth	Percentages From Material Passing a #10 Sieve			Classification
				Sand	Silt	Clay	
●	Boring	GEO-3 (S2 & S3)	5-12'	82.9	15.2	1.9	Loamy sand
■	Boring	GEO-5 (S1)	9-10.8'	75.4	22.4	2.2	Loamy sand
▲	Boring	GEO-6 (S-1B)	5.3-6'	86.8	11.7	1.5	Sand

Thielsch Engineering Inc.

Cranston, RI

Client: GeoEngineers, Inc.

Project: 34 Dudley Street
Arlington, MA

Project No.: 25754-001-00

Figure S-B478-B480

APPENDIX C
Design Memorandum Limitations and Guidelines for Use

APPENDIX C
DESIGN MEMORANDUM LIMITATIONS AND GUIDELINES FOR USE[1]

This appendix provides information to help you manage your risks with respect to the use of this memorandum.

Read These Provisions Closely

It is important to recognize that the geoscience practices (geotechnical engineering, geology and environmental science) rely on professional judgment and opinion to a greater extent than other engineering and natural science disciplines, where more precise and/or readily observable data may exist. To help clients better understand how this difference pertains to our services, GeoEngineers includes the following explanatory "limitations" provisions in its memorandums. Please confer with GeoEngineers if you need to know more how these "Stormwater Evaluation Memorandum Limitations and Guidelines for Use" apply to your project or site.

Geotechnical Services are Performed for Specific Purposes, Persons and Projects

This memorandum has been prepared for PSI Atlantic Arlington MA, LLC and for the Project(s) specifically identified in the memorandum. The information contained herein is not applicable to other sites or projects.

GeoEngineers structures its services to meet the specific needs of its clients. No party other than the party to whom this memorandum is addressed may rely on the product of our services unless we agree to such reliance in advance and in writing. Within the limitations of the agreed scope of services for the Project, and its schedule and budget, our services have been executed in accordance with our Agreement with PSI Atlantic Arlington MA, LLC dated December 29, 2021 and generally accepted geotechnical practices in this area at the time this memorandum was prepared. We do not authorize, and will not be responsible for, the use of this memorandum for any purposes or projects other than those identified in the memorandum.

A Geotechnical and Stormwater Evaluation Memorandum is based on a Unique Set of Project-Specific Factors

This memorandum has been prepared for schematic design for the proposed development concept located at 34 Dudley Street in Arlington, Massachusetts. GeoEngineers considered a number of unique, project-specific factors when establishing the scope of services for this project and memorandum. Unless GeoEngineers specifically indicates otherwise, it is important not to rely on this memorandum if it was:

- Not prepared for you,
- Not prepared for your project,
- Not prepared for the specific site explored, or
- Completed before important project changes were made.

For example, changes that can affect the applicability of this memorandum include those that affect:

- The function of the proposed structure;
- Elevation, configuration, location, orientation or weight of the proposed structure;

[1] Developed based on material provided by GBA, GeoProfessional Business Association; www.geoprofessional.org.

- Composition of the design team; or
- Project ownership.

If changes occur after the date of this memorandum, GeoEngineers cannot be responsible for any consequences of such changes in relation to this memorandum unless we have been given the opportunity to review our interpretations and recommendations. Based on that review, we can provide written modifications or confirmation, as appropriate.

Subsurface Conditions Can Change

This stormwater evaluation memorandum is based on conditions that existed at the time the study was performed. The findings and conclusions of this memorandum may be affected by the passage of time, by man-made events such as construction on or adjacent to the site, new information or technology that becomes available subsequent to the memorandum date, or by natural events such as floods, earthquakes, slope instability or groundwater fluctuations. If more than a few months have passed since issuance of our memorandum or work product, or if any of the described events may have occurred, please contact GeoEngineers before applying this memorandum for its intended purpose so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

Geotechnical and Geologic Findings are Professional Opinions

Our interpretations of subsurface conditions are based on field observations from widely spaced sampling locations at the site. Site exploration identifies the specific subsurface conditions only at those points where subsurface tests are conducted or samples are taken. GeoEngineers reviewed field and laboratory data and then applied its professional judgment to render an informed opinion about subsurface conditions at other locations. Actual subsurface conditions may differ, sometimes significantly, from the opinions presented in this memorandum. Our memorandum, conclusions and interpretations are not a warranty of the actual subsurface conditions.

Stormwater Evaluation Memorandum Recommendations are Not Final

We have developed the following recommendations based on data gathered from subsurface investigation(s). These investigations sample just a small percentage of a site to create a snapshot of the subsurface conditions elsewhere on the site. Such sampling on its own cannot provide a complete and accurate view of subsurface conditions for the entire site. Therefore, the recommendations included in this memorandum are preliminary and should not be considered final. GeoEngineers' recommendations can be finalized only by observing actual subsurface conditions revealed during construction. GeoEngineers cannot assume responsibility or liability for the recommendations in this memorandum if we do not perform construction observation.

We recommend that you allow sufficient monitoring, testing and consultation during construction by GeoEngineers to confirm that the conditions encountered are consistent with those indicated by the explorations, to provide recommendations for design changes if the conditions revealed during the work differ from those anticipated, and to evaluate whether earthwork activities are completed in accordance with our recommendations. Retaining GeoEngineers for construction observation for this project is the most effective means of managing the risks associated with unanticipated conditions. If another party performs field observation and confirms our expectations, the other party must take full responsibility for both the observations and recommendations. Please note, however, that another party would lack our project-specific knowledge and resources.

A Stormwater Evaluation Memorandum Could Be Subject to Misinterpretation

Misinterpretation of this memorandum by members of the design team or by contractors can result in costly problems. GeoEngineers can help reduce the risks of misinterpretation by conferring with appropriate members of the design team after submitting the memorandum, reviewing pertinent elements of the design team's plans and specifications, participating in pre-bid and preconstruction conferences, and providing construction observation.

Do Not Redraw the Exploration Logs

Geotechnical engineers and geologists prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. The logs included in a geotechnical engineering memorandum should never be redrawn for inclusion in architectural or other design drawings. Photographic or electronic reproduction is acceptable, but separating logs from the memorandum can create a risk of misinterpretation.

Give Contractors a Complete Memorandum and Guidance

Some owners and design professionals believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering memorandum, but preface it with a clearly written letter of transmittal. In that letter, advise contractors that the memorandum was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with GeoEngineers and/or to conduct additional study to obtain the specific types of information they need or prefer. A pre-bid conference can also be valuable. Be sure contractors have sufficient time to perform additional study. Only then might an owner be in a position to give contractors the best information available, while requiring them to at least share the financial responsibilities stemming from unanticipated conditions. Further, a contingency for unanticipated conditions should be included in your project budget and schedule.

Contractors are Responsible for Site Safety on Their Own Construction Projects

Our geotechnical recommendations are not intended to direct the contractor's procedures, methods, schedule or management of the work site. The contractor is solely responsible for job site safety and for managing construction operations to minimize risks to on-site personnel and adjacent properties.

Geotechnical, Geologic and Environmental Memoranda Should Not Be Interchanged

The equipment, techniques and personnel used to perform an environmental study differ significantly from those used to perform a geotechnical or geologic study and vice versa. For that reason, a geotechnical engineering or geologic memorandum does not usually relate any environmental findings, conclusions or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. Similarly, environmental memoranda are not used to address geotechnical or geologic concerns regarding a specific project.

Biological Pollutants

GeoEngineers' Scope of Work specifically excludes the investigation, detection, prevention or assessment of the presence of Biological Pollutants. Accordingly, this memorandum does not include any interpretations, recommendations, findings or conclusions regarding the detecting, assessing, preventing or abating of Biological Pollutants, and no conclusions or inferences should be drawn regarding Biological Pollutants as they may relate to this project. The term "Biological Pollutants" includes, but is not limited to, molds, fungi, spores, bacteria and viruses, and/or any of their byproducts.

A Client that desires these specialized services is advised to obtain them from a consultant who offers services in this specialized field.

Information Provided by Others

GeoEngineers has relied upon certain data or information provided or compiled by others in the performance of our services. Although we use sources that we reasonably believe to be trustworthy, GeoEngineers cannot warrant or guarantee the accuracy or completeness of information provided or compiled by others.



Map Scale: 1:2,570 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 35 70 140 210

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Middlesex County, Massachusetts
Survey Area Data: Version 21, Sep 2, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 13, 2020—Sep 15, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
602	Urban land	3.9	28.6%
626B	Merrimac-Urban land complex, 0 to 8 percent slopes	3.5	26.1%
655	Udorthents, wet substratum	6.1	45.3%
Totals for Area of Interest		**13.6**	**100.0%**

Required and Provided Recharge Volumes

Recharge Calculations

Project	Arlington Self Storage	**Project #**	52816.00
Calculated by	SJH	**Date**	2/3/2022
Checked by	EKG	**Date**	2/7/2022

REQUIRED RECHARGE VOLUME

Hydrologic Soil Group (HSG)	Area (ft^2)	Inches of Runoff (in)	Volume (ft^3)
A	26,001	0.60	1,300
B	0	0.35	0
C	0	0.25	0
D	0	0.10	0
TOTAL			**1,300**

CAPTURE AREA ADJUSTMENT

Required Recharge Volume (ft^3)	1,300
Total Site Net Impervious Area (ft^2)	26,001
Total Site Impervious Area Draining to Recharge Facilities (ft^2)	25,700
Capture Area Adjustment Factor	1.01
Adjusted Required Recharge Volume (ft^3)	**1,315**

PROVIDED RECHARGE VOLUME

SUBSURFACE INFILTRATION SYSTEM #1:

MC-4500

Volumes provided below the lowest outlet at elevation: 71.7

Provided Volume:	Bottom Area (ft^2)	Volume (ft^3)
	1,112	**1,954**

Drawdown: $(V_{Infiltration}/A_{Bottom})$/Rawl's Rate

Rawls Recharge Rate:	2.4	(in/hr)
Drawdown Time:	8.75	(hours)

RECHARGE VOLUME SUMMARY

Required Recharge Volume:	**1,300**	(ft^3)
Total Recharge Volume Provided:	**1,954**	(ft^3)

Appendix D: Standard 4 Computations and Supporting Information

- Operation and Maintenance Plan
- Water Quality Volume Calculations
- TSS Removal Worksheets

Operations and Maintenance Plan

Proposed Self-Storage Facility

34 Dudley Street
Arlington, Massachusetts

PREPARED FOR

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive, Suite 155
Memphis, TN 38117

PREPARED BY

2 Bedford Farms Drive
Suite 200
Bedford, NH 03110
603.391.3900

February 2022

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Project Informtion

Site

Proposed Self-Storage Facility
34 Dudley Street
Arlington, Massachusetts, 02476

Developer

PSI Atlantic Arlington MA, LLC.
530 Oak Court Drive, Suite 155
Memphis, TN 38117
Phone Number: _____

Site Supervisor

Site Manager Name_____
Site Manager Address_____
Site Manager City, State Zip_____
Site Manager Phone Number_____

Site Contact

Name: _____

Telephone: _____

Cell phone: _____

Email: _____

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Section A: Source Control

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A Source Control

A comprehensive source control program will be implemented at the Proposed Self-Storage Facility, which includes the following components:

- Regular pavement sweeping on the asphalt surfaces
- Catch basin cleaning
- Clearing litter from the parking area, islands, and perimeter landscape areas
- Enclosure and regular maintenance of all dumpsters
- Spill Prevention training

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Section B: Spill Prevention

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B Spill Prevention

Spill prevention equipment and training will be provided by the Owner or property management company.

B.1 Initial Notification

In the event of a spill the facility and/or construction manager or supervisor will be notified immediately.

Facility Manager (name): _____

Facility Manager (phone): _____

Construction Manager (name) : _____

Construction Manager (phone): _____

The supervisor will first contact the Fire Department and then notify the Police Department, the Public Health Commission and the Conservation Commission. The Fire Department is ultimately responsible for matters of public health and safety and should be notified immediately.

B.2 Further Notification

Based on the assessment from the Fire Chief, additional notification to a cleanup contractor may be made. The Massachussets Department of Environmental Protection (DEP) and the EPA may be notified depending upon the nature and severity of the spill. The Fire Chief will be responsible for determining the level of cleanup and notification required. The attached list of emergency phone numbers shall be posted in the main construction/facility office and readily accessible to all employees. A hazardous waste spill report shall be completed as necessary using the attached form.

Emergency Notification Phone Numbers

1.	**FACILITY MANAGER**		
	Name:	Phone:	
		Beeper/Cell:	
		Home Phone:	
	Alternate Contact:	Phone:	
		Beeper/Cell:	
		Home Phone:	
2.	**FIRE & POLICE DEPARTMENT**	Emergency:	911
3.	**CLEANUP CONTRACTOR**		
	Address:	Phone:	
4.	**STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)**	Emergency:	978-694-3200
5.	**NATIONAL RESPONSE CENTER**	Phone:	(800) 424-8802
	Alternate: U.S. Environmental Protection Agency	Emergency:	
		Business:	
6.	**MUNICIPAL HEALTH DEPARTMENT**	Phone:	(781) 316-3170
	Municipal Conservation Commission:	Phone:	(781) 316-3090

Hazardous Waste & Oil Spill Report

Date: _____ **Time:** _____ **AM / PM**

Exact location (Transformer #): _____

Type of equipment: _____ **Make:** _____ **Size:** _____

S / N: _____ **Weather Conditions:** _____

On or near water? ☐ Yes ☐ No **If yes, name of body of water:** _____

Type of chemical / oil spilled: _____

Amount of chemical / oil spilled: _____

Cause of spill: _____

Measures taken to contain or clean up spill: _____

Amount of chemical / oil recovered: _____ **Method:** _____

Material collected as a result of cleanup:

_____ drums containing _____

_____ drums containing _____

_____ drums containing _____

Location and method of debris disposal: _____

Name and address of any person, firm, or corporation suffering charges: _____

Procedures, method, and precautions instituted to prevent a similar occurrence from recurring: _____

Spill reported by General Office by: _____ **Time:** _____ **AM / PM**

Spill reported to DEP / National Response Center by: _____

DEP Date: _____ **Time:** _____ **AM / PM** **Inspector:** _____

NRC Date: _____ **Time:** _____ **AM / PM** **Inspector:** _____

Additional comments: _____

B.3 Assessment – Initial Containment

The supervisor or manager will assess the incident and initiate containment control measures with the appropriate spill containment equipment included in the spill kit kept on-site. A list of recommended spill equipment to be kept on site is included on the following page.

Fire / Police Department: 911

Municipality Health Department (781) 316-3170

Municipality Conservation Commission: (781) 316-3090

Emergency Response Equipment

The following equipment and materials shall be maintained at all times and stored in a secure area for long-term emergency response need.

Supplies	Quantity	Recommended Suppliers
› Sorbent Pillows/"Pigs"	2	http://www.newpig.com Item # KIT276 — mobile container with two pigs
› Sorbent Boom/Sock	25 feet	http://www.forestry-suppliers.com
› Sorbent Pads	50	
› Lite-Dri® Absorbent	5 pounds	
› Shovel	1	Item # 33934 — Shovel (or equivalent)
› Pry Bar	1	Item # 43210 — Manhole cover pick (or equivalent)
› Goggles	1 pair	Item # 23334 — Goggles (or equivalent)
› Gloves – Heavy	1 pair	Item # 90926 — Gloves (or equivalent)

Section C: Snow Management

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C Snow Management

Snow storage areas are shown on the attached Map.

- Snow storage areas will be managed to prevent blockage of storm drain catch basins and stormwater drainage swales. Snow combined with sand and debris may block a storm drainage system, diminishing the infiltration capacity of the system and causing localized flooding.
- Sand and debris deposited on vegetated or paved areas shall be cleared from the site and properly disposed of at the end of the snow season, no later than May 15.
- Snow shall not be dumped into any waterbody, pond, or wetland resource area.

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Section D: Maintenance of Stormwater Management Systems

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D Maintenance of Stormwater Management Systems

D.1 Pavement Systems

D.1.1 Standard Asphalt Pavement

- Sweep or vacuum standard asphalt pavement areas at least four times per year with a rotary brush sweeper or vacuum sweeper and properly dispose of removed material.
- Recommended sweeping schedule:
- Oct/Nov
- Feb/Mar
- Apr/May
- Aug/Sep
- More frequent sweeping of paved surfaces will result in less accumulation in catch basins, less cleaning of subsurface structures, and less disposal costs.
- Check loading docks and dumpster areas frequently for spillage and/or pavement staining and clean as necessary.

D.2 Structural Stormwater Management Devices

D.2.1 Catch Basins and Area Drains

The proper removal of sediments and associated pollutants and trash occurs only when catch basin inlets and sumps are cleaned out regularly. The more frequent the cleaning, the less likely sediments will be re-suspended and subsequently discharged. In addition, frequent cleaning also results in more volume available for future deposition and enhances the overall performance. As noted in the pavement Operation and Maintenance (O&M) section, more frequent sweeping of paved surfaces will result in less accumulation in catch basins, less cleaning of subsurface structures, and less disposal costs.

There is one (1) catch basin and two (2) area drains at the Self-Storage Facility. These catch basins are constructed with sumps (minimum 4 feet) and hooded outlets to trap debris,

sediments, and floating contaminants. Disposal of all sediments must be in accordance with applicable local, state, and federal guidelines. A map of the catch basin locations is included in Section E.5 Maintenance Checklists and Device Location Maps.

Inspections and Cleaning

- All catch basins shall be inspected at least four times per year and cleaned a minimum of at least once per year.
- Sediment (if more than six inches deep) and/or floatable pollutants shall be pumped from the basin and disposed of at an approved offsite facility in accordance with all applicable regulations.
- Any structural damage or other indication of malfunction will be reported to the site manager and repaired as necessary
- During colder periods, the catch basin grates must be kept free of snow and ice.
- During warmer periods, the catch basin grates must be kept free of leaves, litter, sand, and debris.

D.2.2 Subsurface Infiltration Basins

The subsurface infiltration/detention basins are used to detain and infiltrate roadway and rooftop runoff. There is one (1) subsurface infiltration basin at the Self-Storage Facility. Each of these basins has a water quality pre-treatment device in the form of a subsurface sediment removal row to protect the infiltration bed from clogging. The sediment removal row is an integral part of the underground infiltration system and is comprised of a perforated pipe, wrapped in a filter fabric and surrounded with gravel. To maintain pre-treatment functionality, this sediment removal row requires regular inspection and cleaning. A map of the infiltration basin locations is included in Section E.5 Maintenance Checklists and Device Location Maps.

Inspections and Cleaning

- The subsurface infiltration systems will be inspected at least once each year by removing the manhole/access port covers and determining the thickness of sediment that has accumulated in the sediment removal row.
- If sediment is more than six inches deep, it must be suspended via flushing with clean water and removed using a vactor truck.
- Manufacturer's specifications and instructions for cleaning the sediment removal row are provided as an attachment to this section.
- Emergency overflow pipes will be examined at least once each year and verified that no blockage has occurred.
- System will be observed after rainfalls to see if it is properly draining.

D.2.3 Stormwater Outfalls

The stormwater drainage system at the Self-Storage Facility has one (1) outfall location where treated stormwater is discharged towards Mill Brook. A map of this location is included in Section E.5 Maintenance Checklists and Device Location Maps.

- Inspect outfall locations monthly for the first three months after construction to ensure proper functioning and correct any areas that have settled or experienced washouts.
- Inspect outfalls annually after initial three month period.
- Annual inspections should be supplemented after large storms, when washouts may occur.
- Maintain vegetation around outfalls to prevent blockages at the outfall.
- Maintain rip rap pad below each outfall and replace any washouts.
- Remove and dispose of any trash or debris at the outfall.

D.2.4 Roof Drain Leader

Roof runoff from buildings and parking areas at the Self-Storage Facility are directed to the bioretention basin and to the subsurface infiltration units.

- Perform routine roof inspections quarterly.
- Keep roofs clean and free of debris.
- Keep roof drainage systems clear.
- Keep roof access limited to authorized personnel.
- Clean inlets twice per year or as necessary.

D.3 Vegetated Stormwater Management Devices

D.3.1 Rain Gardens / Bioretention Basins

The rain gardens at the Self-Storage Facility are excavated shallow surface depressions planted with specially-selected native vegetation to treat and capture runoff. The rain garden also has an overflow structure leading to the subsurface infiltration system to handle larger storm volumes. A location map for the rain garden can be found in Section E.5 Maintenance Checklists and Device Location Maps.

The vegetation in the rain gardens serves to filter runoff — improving water quality and reducing runoff quantity — and the root systems can enhance infiltration. The soil medium filters out pollutants and allows storage and infiltration of stormwater runoff; and the infiltration bed provides additional volume control. Properly designed rain gardens may mimic natural forest ecosystems through species diversity, density and distribution of vegetation, and the use of native species, resulting in a system that is resistant to insects, disease, pollution, and climatic stresses.

Rain gardens require routine maintenance (similar to conventional landscaping maintenance) to ensure that the system both functions well as a stormwater management practice while also maintaining an aesthetic quality compatible with the surrounding land uses.

Replacement of mulch is an important part of rain garden maintenance. Mulch keeps the soil moist, allowing for easy infiltration of rain water. Un-mulched surfaces may develop into a hardpan, a condition in which the soil surface becomes cemented together, forming a hard, impervious layer. Mulching also protects plants and reduces weed growth.

Initial Post-Construction Inspection

- During the initial period of vegetation establishment pruning and weeding are required twice in first year by contractor.
- Any dead vegetation found after the first year must be replaced.
- Proper mulching is mandatory and regular watering may be required initially to ensure proper establishment of new vegetation.

Long-Term Maintenance

- Weeds and invasive plant species shall be removed by hand.
- Leaf litter and other detritus shall be removed twice per year.
- If needed to maintain aesthetic appearance, perennial plantings may be trimmed at the end of the growing season.
- Trees and shrubs should be inspected twice per year to evaluate health and attended to as necessary.
- Re-mulch rain gardens with well aged hardwood mulch to a depth of 3 inches each spring or whenever erosion is evident. The entire area may require mulch replacement once every two to three years. Mulch depth shall not exceed 3 inches and the depth of the depression shall not be compromised by the accumulation of vegetation or old mulch.
- Seeded ground cover or grass areas shall not receive mulching.
- Fertilizers should not be used in the rain garden as excessive nutrients in the rain garden may migrate to the underdrain and be discharged to adjacent surface waters.
- Test pH of the soils in the planting bed annually. If the pH is below 5.2, limestone should be applied to increase it. If the pH is above 8.0, iron sulfate plus sulfur should be added to reduce it.
- Rain gardens may require watering during periods of extended drought.

Inspections and Cleaning

- Rain gardens shall be inspected twice during for the first year and annually thereafter for sediment buildup, erosion, vegetative conditions, etc. If sediment build-up is found, sediment removal and core aeration or cultivating of un-vegetated areas may be required to ensure adequate filtration.

- The inflow location should be inspected annually for clogging. Sediment build up is a common problem where runoff leaves an impervious surface and enters a vegetative or earthen surface. Any built-up sediment should be removed to prevent runoff from bypassing the facility. Sources of sediment should be prevented.
- The overflow structure and underdrain standpipes should be inspected annually to ensure that they are functioning.
- Inspect rain gardens after a large storm event to ensure that proper drainage is occurring. Water that remains ponded on the surface of the rain garden after 48 hours of dry weather could indicate a problem with the subsurface drainage system or clogging of the underdrain. While the plants selected for the rain garden are tolerant of wet soils, they are not wetland species that can survive long periods of inundation. Immediate attention is required to prevent the loss of plant materials.

D.3.2 Vegetated Areas Maintenance

Although not a structural component of the drainage system, the maintenance of vegetated areas may affect the functioning of the stormwater management system. This includes the health/density of vegetative cover and activities such as the application and disposal of lawn and garden care products, disposal of leaves and yard trimmings and proper aeration of soils.

- Inspect planted areas on a semi-annual basis and remove any litter.
- Maintain planted areas adjacent to pavement to prevent soil washout.
- Immediately clean any soil deposited on pavement.
- Re-seed bare areas; install appropriate erosion control measures when native soil is exposed or erosion channels are forming.
- Plant alternative mixture of grass species in the event of unsuccessful establishment.
- The grass vegetation should be cut to a height between three and four inches.
- Pesticide/Herbicide Usage – No pesticides are to be used unless a single spot treatment is required for a specific control application.
- Fertilizer usage should be avoided. If deemed necessary, slow release fertilizer should be used. Fertilizer may be used to begin the establishment of vegetation in bare or damaged areas, but should not be applied on a regular basis unless necessary.
- Annual application of compost amendments and aeration are recommended.

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Section E: Operations and Maintenance Plan Summary

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E Operations and Maintenance Plan Summary

This Operation and Maintenance Plan has been prepared in accordance with the Stormwater Management Policy developed by the DEP and CZM and local regulations as applicable. It specifies operational practices and drainage system maintenance requirements for the the Self-Storage Facility redevelopment. Requirements should be adjusted by the site manager as necessary to ensure successful functioning of system components.

E.1 Routine Maintenance Checklists

Routine required maintenance is described in Sections A – D. The following checklists are to be used by the property manager to implement and document the required maintenance and inspection tasks.

E.2 Reporting and Documentation

The site supervisor shall be responsible for ensuring that the scheduled tasks as described in this plan are appropriately completed and recorded in the Maintenance Log. Accurate records of all inspections, routine maintenance and repairs shall be documented and these records shall be available for inspection by members of the Town of Arlington Conservation Commission or other designated body, or their designated agent, upon request.

The Maintenance Log shall:

- Document the completion of required maintenance tasks.
- Identify the person responsible for the completion of tasks.
- Identify any outstanding problems, malfunctions or inconsistencies identified during the course of routine maintenance.
- Document specific repairs or replacements.

E.3 Construction Practices Maintenance/ Evaluation Checklist

Project Name – City, State

Best Management Practice	Inspection Frequency	Date Inspected	Inspector Initials	Minimum Maintenance and Key Items to Check	Cleaning or Repair Needed ☐Yes/No (List Items)	Date of Cleaning or Repair	Performed by:
Compost Filter Tube/Hay Bales/ Silt Fencing	Weekly and after any rainfall			Sediment build up, broken or damaged tubes, bales or stakes			
Gravel Construction Entrance	Weekly and after any rainfall			Filled voids, runoff/sediments into street			
Catch Basin Protection	Weekly and after any rainfall			Clogged or sediment build-up at surface or in basin			
Diversion Channels	Weekly and after any rainfall			Maintained, moved as necessary to correct locations, Check for erosion or breakout			
Temporary Sedimentation Basins	Weekly and after any rainfall			Cracking, erosion, breakout, sediment buildup, contaminants			

Stormwater Control Manager: _____

E.4 Long-term Maintenance/Evaluation Checklist

Project Name – City, State

Best Management Practice	Minimum Maintenance and Key Items to Check	Inspection Frequency	Date Inspected	Inspector Initials	Cleaning Frequency	Cleaning or Repair Needed ☐Yes/No	Date of Cleaning or Repair	Performed by:
Street Sweeping	Vacuum sweeper	4X per year			4X per year* minimum			
Outfall Structures	Remove debris and excess vegetation, replace any dislodged riprap	1X per year			1X per year			
Deep Sump and Hooded Catch basins	Remove sediment 1X per year or if >6 inches	4X per year			1X per year or as necessary			
Subsurface Infiltration Basins	Remove sediment 1X per year or if >6 inches	1X per year			1X per year			
Rain Gardens/ Bioretention Basins	Inspect inlets, vegetation, overflow discharge pipes, drain time less than 4 days	2X per year first year, annually thereafter			2X per year first year, annually thereafter			
Roof Drains	Remove debris, clean inlets draining to subsurface bed	4x per year roof inspection			2x per year inlet cleaning, roof debris as necessary			

* Recommend sweeping Oct/Nov, Feb/Mar, Apr/May Jul/Aug with late winter most important

Stormwater Control Manager: _____

E.5 Maintenance Checklists and Device Location Maps

These checklists are provided for the maintenance crew to photocopy and use when conducting inspections and cleaning activities to the stormwater management systems.

Maintenance Checklists

Catchbasins – Inspect 4 times per year, clean when sediment depth >6 inches or at least once per year.

Catch Basin / Area Drains	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
CB 1				/ /	
AD 1				/ /	
AD-2					

Outfalls – Inspect 4 times per year, replace any dislodged rip-rap, remove excess vegetation, remove any debris.

Outfall	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
OF 1				/ /	

Infiltration Basins – Inspect once per year, remove sediment if more than 6 inches has accumulated in sediment forebay or sediment collection row.

Basin	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
IB 1				/ /	

Rain Gardens/Bioretention Basins – Inspect twice during first year and annually thereafter for sediment buildup, erosion, vegetative conditions, etc. If sediment build-up is found, core aeration or cultivating of unvegetatd areas may be required to ensure adequate filtration. The overflow should be inspected annually to ensure that it is functioning.

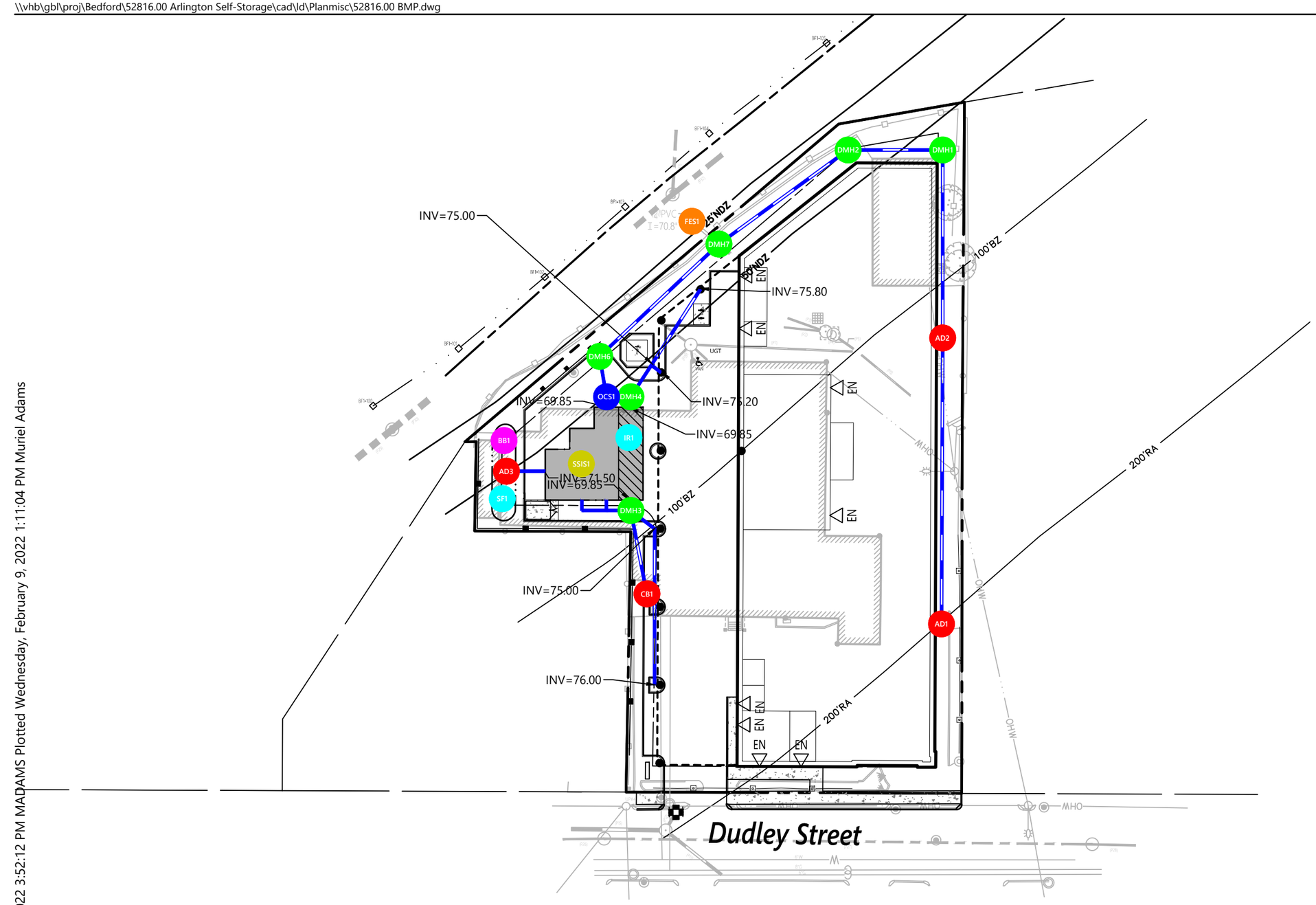
Rain Garden	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
RG 1				/ /	

Roof Runoff Downspouts – Inspect roof drains monthly, clean inlets draining to the subsurface bed twice per year.

Bldg #	Inspected (Y/N)	Sediment Depth (inches)	Cleaning needed (Y/N)	Date Cleaned	Comments (Trash, Oil, Pet waste, Lawn Debris, Damage)
Bldg 1				/ /	

Device Location Map

Plotted Friday, February 4, 2022 3:52:12 PM MADAMS Plotted Wednesday, February 9, 2022 1:11:04 PM Muriel Adams



Legend

- CB = CATCH BASIN
  AD = AREA DRAIN
- OCS — OUTLET CONTROL STRUCTURE
- SSIS — SUBSURFACE INFILTRATION SYSTEM
- DMH — DRAINAGE MANHOLES
- FES — FLARED END SECTION / OUTFALL
- BB — BIORETENTION BASIN
- IR = ISOLATOR ROW
  SF = SEDIMENT FOREBAY
- DRAINAGE PIPES

0 50 100 Feet

Proposed Self Storage Facility
34 Dudley Street
Arlington, MA
Project #: 52816.00

Figure 1

02/09/2022

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Snow Storage Areas Map

Plotted Wednesday, February 9, 2022 1:13:54 PM MADAMS Plotted Wednesday, February 9, 2022 2:11:44 PM Muriel Adams

Legend

SNOW STORAGE AREA

SNOW STORAGE

25'NDZ

50'NDZ

100'BZ

100'BZ

200'RA

200'RA

S10P

Dudley Street

0 50 100 Feet

Proposed Self Storage Facility
34 Dudley Street
Arlington, MA
Project #: 52816.00

Figure 2

02/09/2022

Section F: Product Literature

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StormTech MC-4500 Chamber

MC-4500 Chamber

Designed to meet the most stringent industry performance standards for superior structural integrity while providing designers with a cost-effective method to save valuable land and protect water resources. The StormTech system is designed primarily to be used under parking lots, thus maximizing land usage for commercial and municipal applications.



StormTech MC-4500 Chamber (not to scale)

Nominal Chamber Specifications

Size (L x W x H)	52" (1321 mm) x 100" (2540 mm) x 60" (1524 mm)
Chamber Storage	106.5 ft³ (3.01 m³)
Min. Installed Storage*	193.6 ft³ (4.60 m³)
Weight	120 lbs (54.4 kg)

*This assumes a minimum of 12" (300 mm) of stone above, 9" (230 mm) of stone below chambers, 9" (230 mm) between chambers/end caps and 40% stone porosity.

StormTech MC-4500 End Cap (not to scale)

Nominal Chamber Specifications

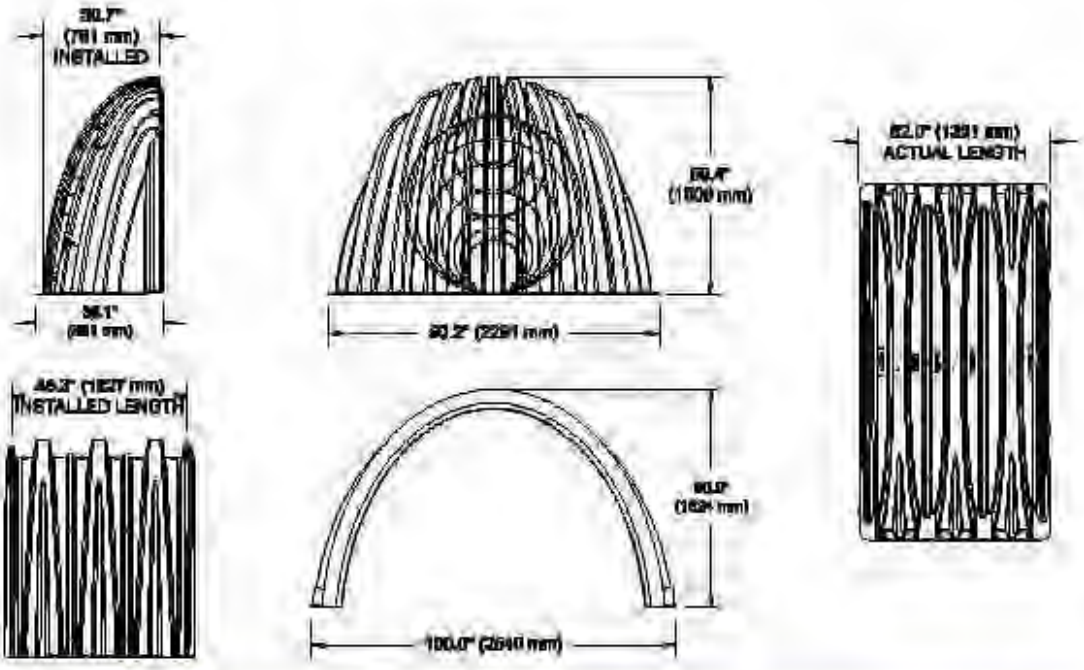
Size (L x W x H)	35.1" (891 mm) x 90.2" (2291 mm) x 54.4" (1506 mm)
Chamber Storage	55.7 ft³ (1.61 m³)
Min. Installed Storage*	104.7 ft³ (3.08 m³)
Weight	120 lbs (54.4 kg)

*This assumes a minimum of 12" (300 mm) of stone above, 9" (230 mm) of stone below, 9" (230 mm) of stone perimeter, 9" (230 mm) between chambers/end caps and 40% stone porosity.

Shipping

7 chambers/pallet

11 pallets/truck



StormTech MC-4500 Chamber

Storage Volume Per Chamber/End Cap ft³ (m³)

	Bare Unit Storage ft³ (m³)	Chamber/End Cap and Stone Volume — Stone Foundation Depth in. (mm)			
		9 (230)	12 (300)	15 (375)	18 (450)
MC-4500 Chamber	106.5 (3.02)	162.6 (4.60)	166.3 (4.71)	169.9 (4.81)	173.6 (4.91)
MC-4500 End Cap	35.7 (1.01)	108.7 (3.08)	111.9 (3.17)	115.2 (3.26)	118.4 (3.35)

NOTE: Assumes 9" (230 mm) row spacing, 40% stone porosity, 12" (300 mm) stone above and includes the bare chamber/end cap volume. End cap volume assumes 12" (300 mm) stone perimeter.

Amount of Stone Per Chamber

ENGLISH tons (yd³)	Stone Foundation Depth			
	9"	12"	15"	18"
MC-4500	7.4 (5.2)	7.8 (5.5)	8.3 (5.9)	8.8 (6.2)
End Cap	9.6 (6.8)	10.0 (7.1)	10.4 (7.4)	10.9 (7.7)
METRIC kg (m³)	230 mm	300 mm	375 mm	450 mm
MC-4500	6681 (4.0)	7117 (4.2)	7552 (4.5)	7987 (4.7)
End Cap	8691 (5.2)	9075 (5.4)	9460 (5.6)	9845 (5.9)

NOTE: Assumes 12" (300 mm) of stone above, and 9" (230 mm) row spacing, and 12" (300 mm) of perimeter stone in front of end caps.

Volume of Excavation Per Chamber/End Cap yd³ (m³)

	Stone Foundation Depth			
	9" (230 mm)	12" (300 mm)	15"(375 mm)	18"(450 mm)
MC-4500	10.5 (8.0)	10.8 (8.3)	11.2 (8.5)	11.5 (8.8)
End Cap	9.3 (7.1)	9.6 (7.3)	9.9 (7.6)	10.2 (7.8)

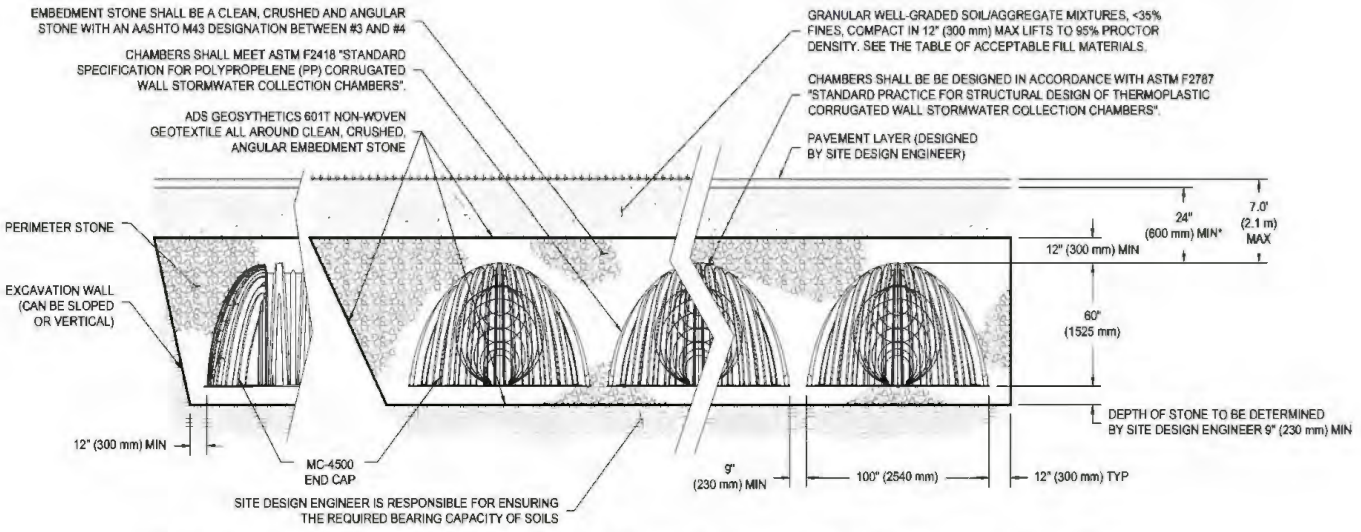
NOTE: Assumes 9" (230 mm) separation between chamber rows, 12" (300 mm) of perimeter in front of end caps, and 24" (600 mm) of cover. The volume of excavation will vary as the depth of cover increases.







General Cross Section



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Special applications will be considered on a project by project basis. Please contact our application department should you have a unique application for our team to evaluate.

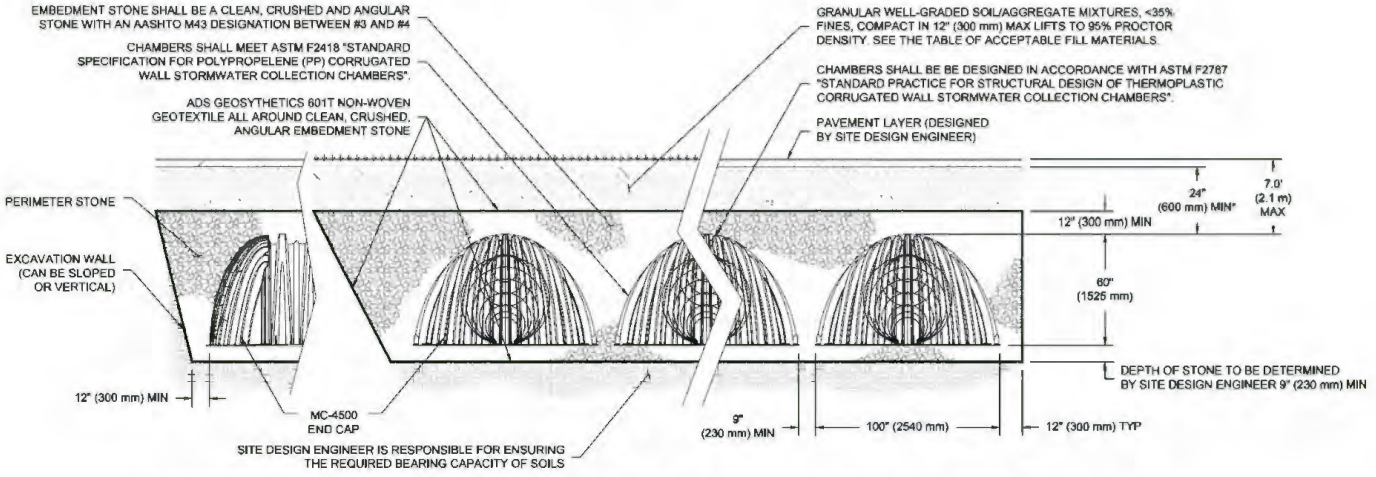
2.0 Foundations for Chambers

TABLE 2—MC-4500 Minimum Required Foundation Depth in inches (millimeters)
Assumes 9" (230 mm) row spacing.

Cover Hgt. ft (m)	Minimum Bearing Resistance for Service Loads ksf (kPa)																								
	4.4 (211)	4.3 (206)	4.2 (201)	4.1 (196)	4.0 (192)	3.9 (187)	3.8 (182)	3.7 (177)	3.6 (172)	3.5 (168)	3.4 (163)	3.3 (158)	3.2 (153)	3.1 (148)	3.0 (144)	2.9 (139)	2.8 (134)	2.7 (129)	2.6 (124)	2.5 (120)	2.4 (115)	2.3 (110)	2.2 (105)	2.1 (101)	2.0 (96)
2.0 (0.61)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)
2.5 (0.76)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	18 (450)	18 (450)	24 (600)
3.0 (0.91)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)
3.5 (1.07)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)
4.0 (1.22)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)
4.5 (1.37)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)
5.0 (1.52)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	36 (900)
5.5 (1.68)	9 (230)	9 (230)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)
6.0 (1.83)	9 (230)	9 (230)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)	36 (900)
6.5 (1.98)	9 (230)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)	36 (900)	42 (1050)
7.0 (2.13)	12 (300)	12 (300)	12 (300)	12 (300)	15 (375)	15 (375)	15 (375)	15 (375)	18 (450)	18 (450)	18 (450)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)	30 (750)	30 (750)	30 (750)	30 (750)	36 (900)	36 (900)	36 (900)	42 (1050)	42 (1050)

NOTE: The design engineer is solely responsible for assessing the bearing resistance (allowable bearing capacity) of the subgrade soils and determining the depth of foundation stone. Subgrade bearing resistance should be assessed with consideration for the range of soil moisture conditions expected under a stormwater system.

FIGURE 10B—MC-4500 Structural Cross Section Detail (Not to Scale)



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Special applications will be considered on a project by project basis. Please contact our applications department should you have a unique application for our team to evaluate.

3.1 Foundation and Embedment Stone

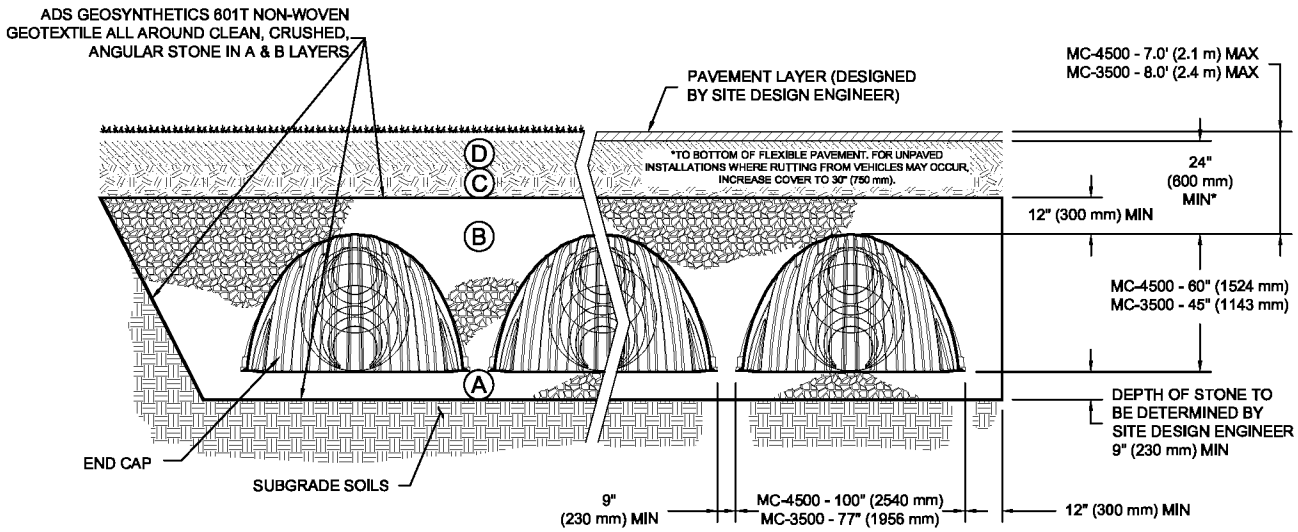
The stone surrounding the chambers consists of the foundation stone below the chambers and embedment stone surrounding the chambers. The foundation stone and embedment stone are important components of the structural system and also provide open void space for stormwater storage. **Table 3** provides the stone specifications that achieve both structural requirements and a porosity of 40% for stormwater storage. **Figure 11** specifies the extents of each backfill stone location.

TABLE 3—Acceptable Fill Materials

	MATERIAL LOCATION	DESCRIPTION	AASHTO DESIGNATION	COMPACTION/DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1,A-2-4,A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTOINS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDTIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL-GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FORM THE FOUDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	NO COMPACTION REQUIRED
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2 3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.

FIGURE 11—Fill Material Locations



Once layer 'C' is placed, any soil/material can be placed in layer 'D' up to the finished grade. Most pavement subbase soils can be used to replace the materials of layer 'C' or 'D' at the design engineer's discretion.

4.1 GENERAL

StormTech subsurface chamber systems offer the flexibility for a variety of inlet and outlet configurations. Contact the StormTech Technical Services Department or your local StormTech representative for assistance configuring inlet and outlet connections.

The open graded stone around and under the chambers provides a significant conveyance capacity ranging from approximately 0.8 cfs (23 l/s) to 13 cfs (368 l/s) per MC-3500 chamber and 0.54 cfs (15 l/s) to 8.5 cfs (240 l/s) for the MC-4500 chamber. The actual conveyance capacity is dependent upon stone size, depth of foundation stone and head of water. Although the high conveyance capacity of the open graded stone is an important component of the flow network, StormTech recommends that a system of inlet and outlet manifolds be designed to distribute and convey the peak flow through the chamber system.

It is the responsibility of the design engineer to provide the design flow rates and storage volumes for the stormwater system and to ensure that the final design meets all conveyance and storage requirements. However, StormTech will work with the design engineer to assist with manifold and chamber layouts that meet the design objectives.

4.2 THE ISOLATOR® ROW

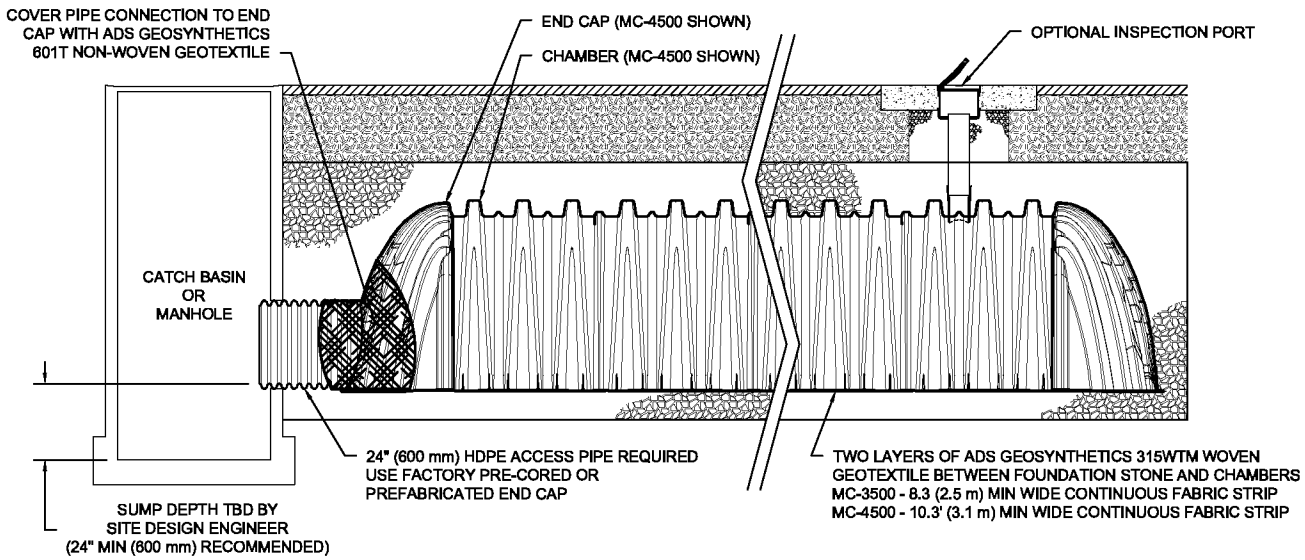
The Isolator Row is a patented system that inexpensively captures total suspended solids (TSS) and debris and provides easy access for inspection and maintenance. A double layer of woven geotextile between the bottom of the chambers and the foundation stone provides the filter media that satisfies most contaminant removal objectives. Each installed MC-3500 chamber and MC-3500 end cap provides 42.9 ft2 (4.0 m2) and 7.5 ft2 (0.7 m2) of bottom filter area respectively. Each installed MC-4500 chamber and MC-4500 end cap provides 30.1 ft² (2.80 m²) and 12.8 ft² (1.19 m²) of bottom filter area respectively.

The Isolator Row can be configured for maintenance objectives or, in some regulatory jurisdictions, for water quality objectives. For water quality applications, Isolator Rows can be sized based on water quality volume or flow rate.

All Isolator Rows require: 1) a manhole for maintenance access, 2) a means of diversion of flows to the Isolator Row and 3) a high flow bypass. Flow diversion can be accomplished by either a weir in the upstream access manhole or simply by feeding the Isolator Row at a lower elevation than the high flow bypass. Contact StormTech for assistance sizing Isolator Rows.

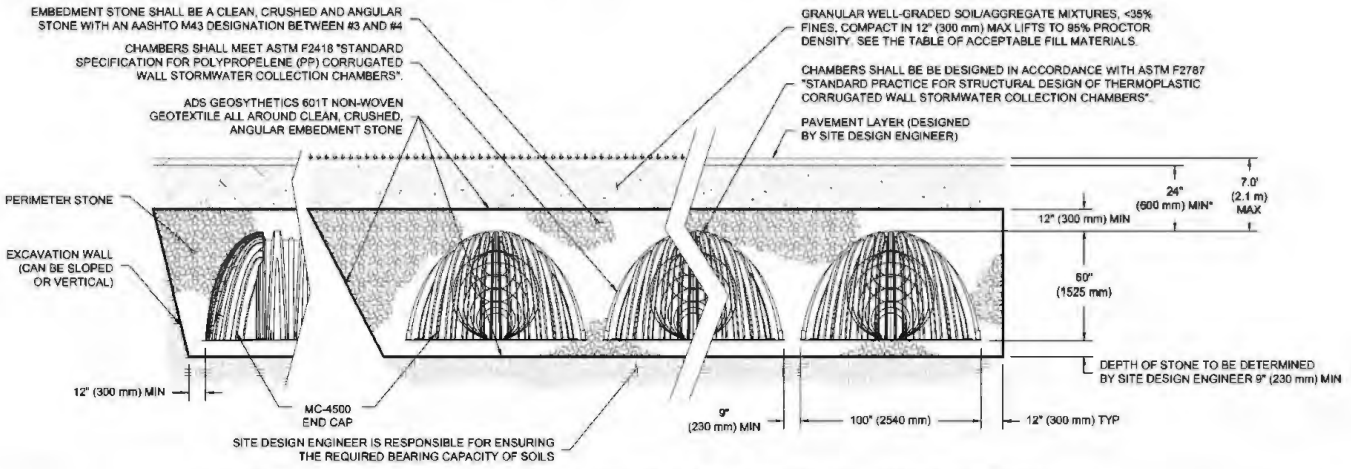
When additional stormwater treatment is required, StormTech systems can be configured using a treatment train approach where other stormwater BMPs are located in series.

FIGURE 12—StormTech Isolator Row Detail



7.0 Structural Cross Sections and Specifications

FIGURE 16—MC-4500 Structural Cross Section Detail (Not to Scale)



*MINIMUM COVER TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

Special applications will be considered on a project by project basis. Please contact our application department should you have a unique application for our team to evaluate.

MC-4500 STORMWATER CHAMBER SPECIFICATIONS

1. Chambers shall be StormTech MC-4500 or approved equal.
2. Chambers shall be made from virgin, impact-modified polypropylene copolymers.
3. Chamber rows shall provide continuous, unobstructed internal space with no internal panels that would impede flow.
4. The structural design of the chambers, the structural backfill and the installation requirements shall ensure that the load factors specified in the AASHTO LRFD Bridge Design Specifications, Section 12.12 are met for: 1) long-duration dead loads and 2) short-duration live loads, based on the AASHTO Design Truck with consideration for impact and multiple vehicle presences.
5. Chambers shall meet the requirements of ASTM F 2418, "Standard Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers."
6. Chambers shall conform to the requirements of ASTM F 2787, "Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers."
7. Only chambers that are approved by the engineer will be allowed. The contractor shall submit (3 sets) of the following to the engineer for approval before delivering chambers to the project site:
   - A structural evaluation by a registered structural engineer that demonstrates that the load factors specified in the AASHTO LRFD Bridge Design Specifications, Section 12.12 are met. The 50-year creep modulus data specified in ASTM F 2418 must be used as part of the AASHTO structural evaluation to verify long-term performance.
   - Structural cross section detail on which the structural cross section is based.
8. The installation of chambers shall be in accordance with the manufacturer's latest Construction Guide.

Detail drawings available in Cad Rev. 2000 format at www.stormtech.com

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Water Quality Volume Calculations

Water Quality Volume Calculations

Project	Arlington Self Storage	**Project #**	52816.00
Calculated by	SJH	**Date**	2/3/2022
Checked by	EKG	**Date**	2/7/2022

BASIN #1

Runoff from subcatchment areas PR-1, PR-3, PR-4

Water Quality Storm Runoff Depth	(in)	0.5
Total Impervious Area	(ft^2)	25,700

BASIN WQV:

Required Volume:

Runoff Depth to be Treated (in)	Required Volume (ft^3)
0.5	**1,071**

Provided Volume:

Elevation	Area (ft^2)	Cumulative Volume (ft^3)
69.1	1,112	0
71.7	1,112	**1,954**

** Per MassDEP Treatment Requirement*

TSS Removal Worksheets

TSS Removal Calculation Worksheet

101 Walnut Street
Post Office Box 9151
Watertown, MA 02471
P 617.924.1770

Project Name:	**Arlington Self Storage**	Sheet:	**1 of 2**
Project Number:	**52816.00**	Date:	**Janaury 4, 2022**
Location:	**Arlington, MA**	Computed by:	**SJH**
Discharge Point:	**DP-2**	Checked by:	
Drainage Area(s):	**PR-1, PR-3**		

1. Pre-Treatment prior to Infiltration

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Deep Sump and Hooded Catch Basin	**25%**	**100%**	**25%**	**75%**
Isolator Row	**25%**	**75%**	**19%**	**56%**
	0%	**56%**	**0%**	**56%**

Pre-Treatment TSS Removal = **44%**

2. Total TSS Removal including Pretreatment 1.

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Deep Sump and Hooded Catch Basin	**25%**	**100%**	**25%**	**75%**
Subsurface Infiltration Structure	**80%**	**75%**	**60%**	**15%**
	0%	**15%**	**0%**	**15%**
	0%	**15%**	**0%**	**15%**

* BMP and TSS Removal Rate Values from the MassDEP Stormwater Handbook Vol. 1. Removal rates for proprietary devices are from approved studies and/or manufacturer data (attach study or data source, or remove this sentence if not applicable).

** Equals remaining load from previous BMP (E)

*** Stormceptor sizing calculation gives a TSS removal rate of 87%. To be conservative, 80% removal is used for this calculation (Change name of device and the claimed removal rate shown on the calc. sheet. Remove this sentence if

Treatment Train TSS Removal = **85%**

1605 of 1740

101 Walnut Street
Post Office Box 9151
Watertown, MA 02471
P 617.924.1770

TSS Removal Calculation Worksheet

Project Name:	**Arlington Self Storage**	Sheet:	**2 of 2**
Project Number:	**52816.00**	Date:	**February 9, 2022**
Location:	**Arlington, MA**	Computed by:	**MEA**
Discharge Point:	**DP-2**	Checked by:	
Drainage Area(s):	**PR-4**		

1. Pre-Treatment prior to Infiltration

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Sediment Forebay	**25%**	**100%**	**25%**	**75%**
	0%	**75%**	**0%**	**75%**
	0%	**75%**	**0%**	**75%**

Pre-Treatment TSS Removal = **25%**

2. Total TSS Removal including Pretreatment 1.

BMP*	TSS Removal Rate*	Starting TSS Load**	Amount Removed (C*D)	Remaining Load (D-E)
Bioretention Area	**90%**	**100%**	**90%**	**10%**
	0%	**10%**	**0%**	**10%**
	0%	**10%**	**0%**	**10%**
	0%	**10%**	**0%**	**10%**

* BMP and TSS Removal Rate Values from the MassDEP Stormwater Handbook Vol. 1. Removal rates for proprietary devices are from approved studies and/or manufacturer data (attach study or data source, or remove this sentence if not applicable).

** Equals remaining load from previous BMP (E)

*** Stormceptor sizing calculation gives a TSS removal rate of 87%. To be conservative, 80% removal is used for this calculation (Change name of device and the claimed removal rate shown on the calc. sheet. Remove this sentence if

Treatment Train TSS Removal = 1606 of 1740 **90%**

Appendix E: Standard 7 Supporting Information

This page intentionally left blank.

The Project has been designed to comply with all ten of the Stormwater Management Standards. There is no required Standard 7 Supporting Information. This page intentionally left blank.

Appendix F: Standard 8 Supporting Information

Recommended Construction Period Pollution Prevention and Erosion and Sedimentation Controls

Proposed Self Storage Facility Project

34 Dudley Street

Arlington, Massachusetts, 02476

PREPARED FOR

PSI Atlantic Arlington MA, LLC
530 Oak Court Drive, Suite 155
Memphis, TN 38117

PREPARED BY

2 Bedford Farms Drive
Suite 200
Bedford, NH 03110
603.391.3900

February 2022

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1

Erosion and Sedimentation Control Plan

As part of the Site Plan Review and Notice of Intent process, an erosion and sedimentation control plan will be developed, and will include measures such as those described below.

Erosion and Sedimentation Control Measures

An Erosion and Sediment Control Plan has been designed to ensure compliance with the MassDEP Stormwater Management Policy and Town of Arlington Bylaws and Regulations. The Project will disturb less than 1-acre of land and not subject to the NPDES General Permit for Stormwater Discharges from Construction Activities. The following minimum performance standards have been included in the Erosion and Sediment Control Plan attached to this report.

1. Erosion control structures will be located at the edge of land disturbances and will be designed so as not to create point discharges onto abutting properties.
2. Dust from all earthmoving activities shall be controlled.
3. Earth materials shall not be deposited onto any roadways.
4. The amount of disturbed area shall be minimized. Natural resources shall protected.
5. Vegetative stabilization measures shall be employed during the Regulated Activity and construction activity as required by the approving authority. All perimeter dikes and slopes, basin or trap embankments shall be stabilized with sod, seed, anchored mulch within seven (7) days of disturbance. All other disturbed areas shall be stabilized with sod, seed and anchored mulch within fourteen (14) days after disturbing activities are ceased.
6. Topsoil shall be stripped from disturbed areas and stockpiled in an approved area and stabilized with a temporary vegetative cover if left more than fifteen (15) calendar days. Perimeter sediment controls shall be installed around stockpiled topsoil.

7. During cold weather months, when seeding and sodding may be impractical, anchored mulch shall be applied as approved.
8. All storm drain inlets shall be protected, and all newly constructed outlets shall be armored in accordance with the above-mentioned guidelines.
9. Perimeter controls shall be used at the site.
10. All construction site entrances and exits shall be stabilized to prevent off-site tracking.
11. Stormwater controls shall be inspected at consistent intervals, including during or immediately after a storm.
12. Construction site operators shall control all construction and waste materials.

The following erosion and sedimentation controls are for use during the earthwork and construction phases of the project. The following controls are provided as recommendations for the site contractor and do not constitute or replace the final Stormwater Pollution Prevention Plan that must be fully implemented by the Contractor and owner in Compliance with EPA NPDES regulations.

Compost Filter Tube (Perimeter Control)

Siltsock shall be installed around the project work limits as perimeter controls. Siltsocks shall be as manufactured by *Filtrexx* or approved equivalent. Approved siltsocks shall be composed of 12 inch diameter biodegradable mesh netting and filled with a compostable material. When installing multiple sections of siltsock, each individual section shall overlap a minimum of 12 inches. Since siltsocks shall be installed on top of the ground, without being trenched in, the Contractor shall install a supplemental compostable material on the up-slope side of the siltsock, in order to prevent the flow of stormwater runoff beneath it.

Siltsocks will be inspected in compliance with the inspection schedule and maintained routinely throughout the duration of the project. The contractor must remove sediment before it accumulates to one-half of the above-ground height of any perimeter control. Additionally, sections of siltsock that appear to be damaged, removed, or of which the stakes have been removed, shall be repaired immediately upon observation.

Hay Bale Barriers

Hay bale barriers will be placed to trap sediment transported by runoff before it reaches the drainage system or leaves the construction site. Bales will be set at least four inches into the existing ground to minimize undercutting by runoff.

Silt Fencing

In areas where high runoff velocities or high sediment loads are expected, hay bale barriers will be backed up with silt fencing. This semi permeable barrier made of a synthetic porous fabric will provide additional protection. The silt fences and hay bale barrier will be replaced as determined by periodic field inspections.

Catch Basin Protection

Newly constructed and existing catch basins will be protected with hay bale barriers (where appropriate) or silt sacks throughout construction.

Gravel and Construction Entrance/Exit

A temporary crushed-stone construction entrance/exit will be constructed. A cross slope will be placed in the entrance to direct runoff to a protected catch basin inlet or settling area. If deemed necessary after construction begins, a wash pad may be included to wash off vehicle wheels before leaving the project site.

Diversion Channels

Diversion channels will be used to collect runoff from construction areas and discharge to either sedimentation basins or protected catch basin inlets.

Temporary Sediment Basins

Temporary sediment basins will be designed either as excavations or bermed stormwater detention structures (depending on grading) that will retain runoff for a sufficient period of time to allow suspended soil particles to settle out prior to discharge. These temporary basins will be located based on construction needs as determined by the contractor and outlet devices will be designed to control velocity and sediment. Points of discharge from sediment basins will be stabilized to minimize erosion.

Vegetative Slope Stabilization

Stabilization of open soil surfaces will be implemented within 14 days after grading or construction activities have temporarily or permanently ceased, unless there is sufficient snow cover to prohibit implementation. Vegetative slope stabilization will be used to minimize erosion on slopes of 3:1 or flatter. Annual grasses, such as annual rye, will be used to ensure rapid germination and production of root mass. Permanent stabilization will be completed with the planting of perennial grasses or legumes. Establishment of temporary and permanent vegetative cover may be established by hydro seeding or sodding. A suitable topsoil, good seedbed preparation, and adequate lime, fertilizer and water will be provided for effective establishment of these vegetative stabilization methods. Mulch will also be used after permanent seeding to protect soil from the impact of falling rain and to increase the capacity of the soil to absorb water.

Maintenance

- The contractor or subcontractor will be responsible for implementing each control shown on the Sedimentation and Erosion Control Plan. In accordance with EPA regulations, the contractor must sign a copy of a certification to verify that a plan has been prepared and that permit regulations are understood.

- The on site contractor will inspect all sediment and erosion control structures periodically and after each rainfall event. Records of the inspections will be prepared and maintained on site by the contractor.
- Silt shall be removed from behind barriers if greater than 6 inches deep or as needed.
- Damaged or deteriorated items will be repaired immediately after identification.
- The underside of hay bales should be kept in close contact with the earth and reset as necessary.
- Sediment that is collected in structures shall be disposed of properly and covered if stored on site.
- Erosion control structures shall remain in place until all disturbed earth has been securely stabilized. After removal of structures, disturbed areas shall be regraded and stabilized as necessary

The sedimentation and erosion control plan is included in project plan set; a reduced version and Erosion Control Maintenance checklist is included here for quick reference.

Spill Prevention and Response Plan

Spill prevention equipment and training will be provided by the Contractor.

Initial Notification

In the event of a spill the facility and/or construction manager or supervisor will be notified immediately.

Facility Manager

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

Construction Manager

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

The supervisor will first contact the Fire Department and then notify the Police Department, the Public Health Commission and the Conservation Commission. The Fire Department is ultimately responsible for matters of public health and safety and should be notified immediately.

Further Notification

Based on the assessment from the Fire Chief, additional notification to a cleanup contractor may be made. The Massachusetts Department of Environmental Protection (DEP) and the

EPA may be notified depending upon the nature and severity of the spill. The Fire Chief will be responsible for determining the level of cleanup and notification required. The attached list of emergency phone numbers shall be posted in the main construction/facility office and readily accessible to all employees. A hazardous waste spill report shall be completed as necessary using the attached form.

Emergency Notification Phone Numbers

1. Facility Manager

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

Alternate

Name:	_____	Home Phone:	_____
Phone:	_____	E-mail:	_____

2. Fire Department

   Emergency: 911

   Business: _____

   Police Department

   Emergency: 911

   Business: _____

3. Cleanup Contractor

   Address: _____

   Phone: _____

4. Massachusetts Department of Environmental Protection

   Emergency: _____

   Northeast Region: _____

5. National Response Center

   Phone: (800) 424-8802

   Alternate U.S. Environmental Protection Agency

   Emergency: (800) 424-8802

   Business: _____

6. Arlington Conservation Commission

   Contact: _____

   Phone: (781) 316-3090

7. Arlington Health Department

   Contact: Natasha Waden (Director)

   Phone: (781) 316-3170

Hazardous Waste / Oil Spill Report

Date	_____	Time	_____	AM / PM	
Exact Location (Transformer #)	_____				
Type of Equipment	_____	Make	_____	Size	_____
S/N	_____	Weather Conditions	_____		
On or near water	☐ Yes ☐ No	If Yes, name of body of water	_____		
Type of chemical/oil spilled	_____				
Amount of chemical/oil spilled	_____				
Cause of spill	_____				
Measures taken to contain or clean up spill	_____				
Amound of chemical/oil recovered	_____	Method	_____		
Material collected as a result of cleanup:					
_____	Drums containing	_____			
_____	Drums containing	_____			
_____	Drums containing	_____			
Location and method of debris disposal:					
_____					
Name and address of any person, firm, or corporation suffering damages:					
_____					
Procedures, method, and precautions instituted to prevent a similar occurrence from recurring:					
_____					
Spill reported to General Office by	_____	Time	_____	AM/PM	
Spill reported to DEP / Natrional Response Center by	_____				
DEP Date	_____	Time	_____	AM/PM	Inspector _____
NRC Date	_____	Time	_____	AM/PM	Inspector _____
Additional comments:	_____				

Assessment – Initial Containment

The supervisor or manager will assess the incident and initiate containment control measures with the appropriate spill containment equipment included in the spill kit kept on-site. A list of recommended spill equipment to be kept on site is included on the following page.

Fire / Police Department:		911
Arlington Health Department:		(781) 316-3170
Arlington Conservation Commission:		(781) 316-3090

Emergency Response Equipment

The following equipment and materials shall be maintained at all times and stored in a secure area for long-term emergency response need.

Supplies		Recommended Suppliers
SORBENT PILLOWS/"PIGS"	2	http://www.newpig.com
SORBENT BOOM/SOCK	25 FEET	Item # KIT276 — mobile container with two pigs, 26 feet of sock, 50 pads, and five pounds of absorbent (or equivalent) http://www.forestry-suppliers.com
SORBENT PADS	50	
LITE-DRI® ABSORBENT	5 POUNDS	
SHOVEL	1	Item # 33934 — Shovel (or equivalent)
PRY BAR	1	Item # 43210 — Manhole cover pick (or equivalent)
GOGGLES	1 PAIR	Item # 23334 — Goggles (or equivalent)
GLOVES – HEAVY	1 PAIR	Item # 90926 — Gloves (or equivalent)

Attached is the zoning form from the application.

Also, some text below to highlight the water and sewer reduction.

Sewer & Water

Existing Conditions

The existing facility is comprised of a 10,921 square foot (SF) Autobody shop, containing approximately 8 service bays. Utilizing the Unit Flow rates and Use categories are taken from MassDEP 310 CMR 15.00 section 203, a service station (without gas) is calculated as 150 gallons per day (gpd) per service bay. The existing use at the site generates approximately 1,200 gpd of sewer. Typically, water consumption is estimated at 110% of the wastewater generation rates, therefore, the water demand for the existing site is 1,320 gpd.

Proposed Conditions

The Project consists of a 95,706 square foot self-storage building. Utilizing the Unit Flow rates and Use categories are taken from MassDEP 310 CMR 15.00 section 203, for a Factory, Industrial Plant, Warehouse, or Dry Storage without Cafeteria, the unit flow is 15 gpd per person. A conservative estimate of 15 persons will occupy the building at a given time, generating 225 gpd. Refer to Table 1.1 for a summary of the existing and proposed wastewater generation and water demand rates.

There is an anticipated net reduction of approximately 975 gpd of wastewater generation and 1,070 gpd of water demand (-81%) with the proposed project.

Table 1.1 Wastewater Generation

	Use	Unit Flow[1]	Total Units	Estimated Wastewater Generation	Estimated Water Demand
Existing	Autobody (Service Station)	150 gpd/bay	8 bays	1,200 gpd	1,300 gpd
Proposed	Dry Storage (Self-Storage Facility)	15 gpd/person	15 persons	225 gpd	248 gpd

1. Sewer design Unit Flow rates and Use categories are taken from MassDEP 310 CMR 15.00 section 203.

Eric Gerade
Project Manager

Upcoming Vacation: Feb 21-23

P 603.391.3972
www.vhb.com

From: Eric Gerade
Sent: Wednesday, February 16, 2022 4:52 PM
To: Robert Annese <law@robertannese.com>; Jesse Morgan <jesse@pssinvestors.com>
Cc: Jay Tillman <jay@pssinvestors.com>; Jan Bryan <jbryan@mparkstudios.com>; Eric Lowder <elowder@mparkstudios.com>
Subject: RE: [External] RE: Arlington, MA

February 15, 2022

34 Dudley Street - LEED CONSIDERATIONS

The improvements at 34 Dudley Street will attempt to incorporate the items below per 'LEED v4 Warehouses and Distribution Centers' to support the sustainable building practices goal in Arlington, MA.

LOW EMITTING MATERIALS

These materials are to be integrated to reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment. Some of these building materials are as follows:

Paints and Coatings

At least 75% of all paints and coatings, by volume or surface area, are to meet the VOC emissions evaluation AND 100% meet the VOC content evaluation.

Adhesives and Sealants

At least 75% of all adhesives and sealants, by volume or surface area, are to meet the VOC emissions evaluation AND 100% meet the VOC content evaluation.

Flooring

At least 90% of all flooring materials (carpet, ceramic, vinyl, rubber, engineered, solid wood, laminates), by cost or surface area, is to meet the VOC emissions evaluation OR inherently non emitting sources criteria, OR salvaged and reused materials criteria.

PRODUCTS

At least 70% of each new compliant building component (floor covering, insulation, framing/structural systems, drywall, doors, cabinets, countertops and/or interior trim), by weight or volume, will aim to meet one of the requirements below:

The product contains at least 25% reclaimed material, including salvaged, refurbished, or reused materials. For renovation projects, existing components are considered reclaimed. Wood by-products can be counted as reclaimed material. These include items from secondary manufacturers; felled, diseased, or dead trees from urban or suburban areas; orchard trees that are unproductive and cut for replacement; and wood recovered from landfills or water bodies.

Wood products must be Forest Stewardship Council (FSC) Certified, or USGBC-approved equivalent.

Bio-based materials. Bio-based products must meet the Sustainable Agriculture Network's Sustainable Agriculture Standard. Bio-based raw materials must be tested using ASTM Test Method D6866 and be legally harvested, as defined by the exporting and receiving country. Exclude hide products, such as leather and other animal skin material.

Concrete that consists of at least 30% fly ash or slag used as a cement substitute.

Extended producer responsibility. Products purchased from a manufacturer (producer) that participates in an extended producer responsibility program or is directly responsible for extended producer responsibility.

13755 Thompson Place Drive
Mint Hill, NC 28227
www.mparkstudios.com
704-619-6185
704-578-2851

WATER USE REDUCTION

The project will seek to reduce aggregate water consumption by 20% from the baseline for each new fixture (toilets, hand sinks, etc.)

MINIMUM ENERGY PERFORMANCE

For climate-controlled storage areas, heating and cooling systems will look to meet the following equipment selection sizing guidelines, or next nominal size:

Cooling Equipment:

Single-Speed Compressor: 90-130% of total heat gain

Two-Speed Compressor: 90-140% of total heat gain

Variable-Speed Compressor: 90-160% of total heat gain

Heating Equipment:

100-140% of total heat loss AND energy performance compliance.

LEED v4 for BD+C: Warehouses and Distribution Centers
Project Checklist

Project Name: PSI Atlantic Arlington MA, LLC
Date: 15-Feb-22

Y	?	N			
			Credit	Integrative Process	1

5	0	4	**Location and Transportation**		16
		1	Credit	LEED for Neighborhood Development Location	16
1			Credit	Sensitive Land Protection	1
		1	Credit	High Priority Site	2
2			Credit	Surrounding Density and Diverse Uses	5
1			Credit	Access to Quality Transit	5
1			Credit	Bicycle Facilities	1
		1	Credit	Reduced Parking Footprint	1
		1	Credit	Green Vehicles	1

3	1	3	**Sustainable Sites**		10
Y			Prereq	Construction Activity Pollution Prevention	Required
	1		Credit	Site Assessment	1
		1	Credit	Site Development - Protect or Restore Habitat	2
		1	Credit	Open Space	1
		1	Credit	Rainwater Management	3
2			Credit	Heat Island Reduction	2
1			Credit	Light Pollution Reduction	1

0	2	2	**Water Efficiency**		11
Y			Prereq	Outdoor Water Use Reduction	Required
Y			Prereq	Indoor Water Use Reduction	Required
Y			Prereq	Building-Level Water Metering	Required
	1		Credit	Outdoor Water Use Reduction	2
	1		Credit	Indoor Water Use Reduction	6
		1	Credit	Cooling Tower Water Use	2
		1	Credit	Water Metering	1

0	1	6	**Energy and Atmosphere**		33
Y			Prereq	Fundamental Commissioning and Verification	Required
Y			Prereq	Minimum Energy Performance	Required
Y			Prereq	Building-Level Energy Metering	Required
Y			Prereq	Fundamental Refrigerant Management	Required
		1	Credit	Enhanced Commissioning	6
		1	Credit	Optimize Energy Performance	18
		1	Credit	Advanced Energy Metering	1
		1	Credit	Demand Response	2
		1	Credit	Renewable Energy Production	3
		1	Credit	Enhanced Refrigerant Management	1
	1		Credit	Green Power and Carbon Offsets	2

0	4	1	**Materials and Resources**		13
Y			Prereq	Storage and Collection of Recyclables	Required
Y			Prereq	Construction and Demolition Waste Management Planning	Required
		1	Credit	Building Life-Cycle Impact Reduction	5
	1		Credit	Building Product Disclosure and Optimization - Environmental Product Declarations	2
	1		Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2
	1		Credit	Building Product Disclosure and Optimization - Material Ingredients	2
	1		Credit	Construction and Demolition Waste Management	2

0	7	5	**Indoor Environmental Quality**		16
Y			Prereq	Minimum Indoor Air Quality Performance	Required
Y			Prereq	Environmental Tobacco Smoke Control	Required
		1	Credit	Enhanced Indoor Air Quality Strategies	2
	3		Credit	Low-Emitting Materials	3
		1	Credit	Construction Indoor Air Quality Management Plan	1
		1	Credit	Indoor Air Quality Assessment	2
	1		Credit	Thermal Comfort	1
	2		Credit	Interior Lighting	2
		1	Credit	Daylight	3
		1	Credit	Quality Views	1
	1		Credit	Acoustic Performance	1

1	0	1	**Innovation**		6
		1	Credit	Innovation	5
1			Credit	LEED Accredited Professional	1

0	0	4	**Regional Priority**		4
		1	Credit	Regional Priority: Specific Credit	1
		1	Credit	Regional Priority: Specific Credit	1
		1	Credit	Regional Priority: Specific Credit	1
		1	Credit	Regional Priority: Specific Credit	1

9	15	26	**TOTALS**	Possible Points:	**110**

Certified: 40 to 49 points, **Silver:** 50 to 59 points, **Gold:** 60 to 79 points, **Platinum:** 80 to 110

Memorandum

To: Jesse Morgan
Premier Storage Investors, LLC
530 Oak Court Drive, Suite 155
Memphis, TN 38117

Date: February 10, 2022

Project #: 52816.00

From: Matt Kealey, PE, PTOE
Senior Project Manager

Re: 34 Dudley Street
Arlington, Massachusetts
Traffic Memorandum

VHB has been retained by Premier Storage Investors, LLC (the "Proponent") to provide consulting services for a proposed self-storage/warehouse facility (the "Project") located at 34 Dudley Street in Arlington, Massachusetts. As part of the Project, VHB evaluated the following transportation-related elements of the Project:

- Trip Generation (as compared to the most recent use on the site);
- Trip Generation (as compared to comparable sites);
- Proposed parking supply (as compared to comparable sites);

The traffic evaluation has been conducted based on typical guidelines for the development of a traffic impact assessment, using trip generation estimates provided by the Institute of Transportation Engineers, and empirical traffic and parking data collected at other storage facilities.

Project Description

The Project site is located at 34 Dudley Street in Arlington, Massachusetts. The proposed self-storage facility involves the redevelopment of the existing 10,921 square foot (sf) auto repair building and 1,152 sf detached garage space (12,073 sf total). The Project involves the construction of a five-story, 95,706 sf self-storage warehouse building along with 11 surface parking spaces (one of which is accessible) on the site and 4 loading bays, for a total of 15 spaces for the facility. Access to the Site will be provided by a single curb cut on Dudley Street on the east side of the site. The existing curb cut on the west side of the site will be closed as part of the Project.

Trip Generation

As noted previously, the Site is currently occupied by an auto repair building and detached garage totaling 12,073 sf, which will be replaced by the proposed 95,706 sf self-storage warehouse building. In reviewing the appropriate Land Use Codes (LUC) offered by the Institute of Transportation Engineers (ITE) in the Trip Generation Manual, VHB considered that the current use of the site is best classified as Automobile Care Center (LUC 942) and that the self-storage facility is best classified as a Mini-Warehouse (LUC 151).

Table 1 provides for a comparison of the uses based on the ITE projections.

101 Walnut Street
PO Box 9151
Watertown, MA 02472-4026
P 617.924.1770

Table 1 : Trip Generation Comparison

	Vehicle Trips		
	Current Use[1]	Self-storage Use[2]	Difference
Weekday AM			
Enter	18	5	-13
Exit	9	4	-5
Total	**27**	**9**	**-18**
Weekday PM			
Enter	18	7	-11
Exit	20	8	-12
Total	**38**	**15**	**-23**

[1] Institute of Transportation Engineers (ITE) Trip Generation, Land Use Code 942 (Automobile Care Center) for 12,073 sf
[2] Institute of Transportation Engineers (ITE) Trip Generation, Land Use Code 151 (Mini-Warehouse) for 95,706 sf

As shown in Table 1, the proposed self-storage facility is expected to generate fewer peak hour trips to and from the site when compared to the current use.

Also, as part of this evaluation, VHB evaluated empirical data at three self-storage facilities. Weekday morning and weekday evening counts for two of the facilities, located at 490 Eastern Avenue and 650 Eastern Avenue in Malden, respectively, were done in May 2021. Daily data for the third facility, a CubeSmart located at 171 Bear Hill Road in Waltham, was collected from April 2020 to March 2021. Table 2 provides a comparison of trip generation for these existing facilities to the proposed Project.

Table 2 : Trip Generation Comparison – ITE vs. Empirical Data

	Vehicle Trips			
	490 Eastern Avenue (Malden) 125,388 sf [1]	**650 Eastern Avenue (Malden) 99,440 sf [1]**	**171 Bear Hill Road (Waltham) 111,921 sf [2]**	**Proposed Project (Arlington) 95,694 sf [3]**
Weekday AM				
Enter	4	2	1	5
Exit	1	2	1	4
Total	**5**	**9**	**2**	**9**
Trip Generation Rate[4]	**0.04**	**0.09**	**0.02**	**0.09**
Weekday PM				
Enter	2	2	1	7
Exit	9	4	1	8
Total	**11**	**6**	**2**	**15**
Trip Generation Rate	**0.09**	**0.06**	**0.02**	**0.16**

[1] Based on counts conducted in May 2021
[2] Based on avg daily counts conducted from April 2020 to March 2021 with peak hour volumes calculated using ITE LUC 151 ratios between peak hour volumes and daily volume.
[3] Institute of Transportation Engineers (ITE) Trip Generation, Land Use Code 151 (Mini-Warehouse) for 95,706 sf
[4] Trip Generation Rate expressed in the number of trips per 1,000 sf.

As shown in Table 2, based on the traffic volumes counted at three comparable sites, the empirical trip generation rates are substantially lower than the ITE rates during the weekday evening peak period and equal or lower than the ITE rates during the weekday morning peak period. As such, it is likely that the ITE trip generation rates provide conservative projections of future traffic at the site.

Parking

As noted previously, the proposed project includes 11 parking spaces and 4 loading bays, for a total of 15 spaces on the site. Under the Zoning Ordinance, the parking requirement for the proposed use is 1 parking space per 1,000 SF of building area. In this case, the 95,694 sf of building space would translate to approximately 96 parking spaces on the site. Given the nature of the proposed self-storage facility use, the Proponent will be requesting a waiver from the parking requirement of the Zoning Bylaw as there are typically only one or two employees located at the site at any one time and the proposed use requires substantially less parking than the Zoning Ordinance requires for an industrial use.

To provide a comparison with empirical data, VHB reviewed parking demand counts collected in May 2021 at the same two comparable self-storage facilities located at 490 Eastern Avenue and 650 Eastern Avenue, respectively. These counts were conducted during the weekday morning peak period (7:00 AM to 9:00 AM) and the weekday

evening peak period (4:00 PM to 6:00 PM). Parking demand was documented in 15-minute intervals over the course of the two-hour count. The results of the parking counts are summarized in Table 3.

Table 3 : Parking Comparison

	490 Eastern Avenue 125,388 sf [1]	650 Eastern Avenue 99,440 sf [1]
Weekday AM Maximum Observed Demand	5	2
Weekday PM Maximum Observed Demand	8	4

[1] Based on counts conducted in May 2021

As shown in Table 3, the peak parking demand was 5 vehicles during the weekday morning peak hour and 8 vehicles during the weekday evening peak hour. It is also important to note that both of these sites are larger than the proposed site, with 490 Eastern Avenue being substantially larger. The observed parking demand suggests that the proposed parking supply, which can accommodate 15 vehicles, should be more than adequate to accommodate the parking demand for the Project.

Transportation Demand Management (TDM)

Due to the nature of the proposed self-storage facility use, and the data supporting a low parking demand, the Proponent will be requesting a waiver from the parking requirement of the Zoning Bylaw. As stated in the Zoning Bylaw, "*Any request for parking reduction must include a plan to reduce demand for parking…All projects requesting a parking reduction must employ at least three TDM strategies.*" Accordingly, the Proponent is proposing to implement the following TDM measures:

- Pay a stipend to workers without cars
- Provide preferential parking for carpooling vehicles
- Provide covered bicycle parking and storage

Conclusion

Based on the traffic and parking information outlined above, the Project is not expected to have a significant impact on the surrounding area roadways. The trip generation calculated for the Project based on ITE data shows a total of 9 trips (5 entering/4 exiting) during the weekday morning peak hour and 15 trips (7 entering/8 exiting) during the weekday evening peak hour. The trip generation for the Project is lower than the trip generation associated with the site's use as an auto repair facility. Further, empirical trip generation data collected at three similar self-storage

facilities was lower than the ITE projections, which suggests that ITE data results in conservative projections. Lastly, parking counts conducted at comparable facilities showed a maximum parking demand of 5 vehicles during the weekday morning peak hour and 8 vehicles during the weekday evening peak hour, which suggests that the proposed parking supply of 15 spaces should be more than adequate to accommodate the parking demand for the Project.

Attachments

- Traffic Count Data
- Parking Count Data
- Trip Generation

Location Map: 217935 Malden, MA

Precision Data Industries, LLC 157 Washington Street, Suite 2, Hudson, MA 01749 ph: 508-875-0100 email: datarequests@pdillc.com



Client:	Engineer:	Site Code:	Date:	PDI Job #	City, State:
VHB	M. Kealey	52739	Thursday 5/6/2021	217935	Malden, MA

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Cars and Heavy Vehicles (Combined)**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:00 AM	21	1	0	22	0	0	0	0	0	0	0	0	22
7:15 AM	46	0	0	46	0	1	0	1	0	0	0	0	47
7:30 AM	38	0	0	38	0	0	0	0	0	0	0	0	38
7:45 AM	59	0	0	59	0	0	0	0	0	0	0	0	59
Total	164	1	0	165	0	1	0	1	0	0	0	0	166
8:00 AM	46	0	0	46	0	0	0	0	0	0	0	0	46
8:15 AM	57	0	0	57	0	1	0	1	0	0	0	0	58
8:30 AM	27	0	0	27	0	1	0	1	0	1	0	1	29
8:45 AM	30	0	0	30	0	1	0	1	0	1	0	1	32
Total	160	0	0	160	0	3	0	3	0	2	0	2	165
Grand Total	324	1	0	325	0	4	0	4	0	2	0	2	331
Approach %	99.7	0.3	0.0		0.0	100.0	0.0		0.0	100.0	0.0		
Total %	97.9	0.3	0.0	98.2	0.0	1.2	0.0	1.2	0.0	0.6	0.0	0.6	
Exiting Leg Total				2				1				328	331
Cars	312	1	0	313	0	4	0	4	0	2	0	2	319
% Cars	96.3	100.0	0.0	96.3	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	96.4
Exiting Leg Total				2				1				316	319
Heavy Vehicles	12	0	0	12	0	0	0	0	0	0	0	0	12
% Heavy Vehicles	3.7	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Exiting Leg Total				0				0				12	12

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:30 AM	38	0	0	38	0	0	0	0	0	0	0	0	38
7:45 AM	59	0	0	59	0	0	0	0	0	0	0	0	59
8:00 AM	46	0	0	46	0	0	0	0	0	0	0	0	46
8:15 AM	57	0	0	57	0	1	0	1	0	0	0	0	58
Total Volume	200	0	0	200	0	1	0	1	0	0	0	0	201
% Approach Total	100.0	0.0	0.0		0.0	100.0	0.0		0.0	0.0	0.0		
PHF	0.847	0.000	0.000	0.847	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.852
Cars	191	0	0	191	0	1	0	1	0	0	0	0	192
Cars %	95.5	0.0	0.0	95.5	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	95.5
Heavy Vehicles	9	0	0	9	0	0	0	0	0	0	0	0	9
Heavy Vehicles %	4.5	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
Cars Enter Leg	191	0	0	191	0	1	0	1	0	0	0	0	192
Heavy Enter Leg	9	0	0	9	0	0	0	0	0	0	0	0	9
Total Entering Leg	200	0	0	200	0	1	0	1	0	0	0	0	201
Cars Exiting Leg				0				0				192	192
Heavy Exiting Leg				0				0				9	9
Total Exiting Leg				0				0				201	201

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Cars**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:00 AM	21	1	0	22	0	0	0	0	0	0	0	0	22
7:15 AM	45	0	0	45	0	1	0	1	0	0	0	0	46
7:30 AM	37	0	0	37	0	0	0	0	0	0	0	0	37
7:45 AM	58	0	0	58	0	0	0	0	0	0	0	0	58
Total	161	1	0	162	0	1	0	1	0	0	0	0	163
8:00 AM	44	0	0	44	0	0	0	0	0	0	0	0	44
8:15 AM	52	0	0	52	0	1	0	1	0	0	0	0	53
8:30 AM	27	0	0	27	0	1	0	1	0	1	0	1	29
8:45 AM	28	0	0	28	0	1	0	1	0	1	0	1	30
Total	151	0	0	151	0	3	0	3	0	2	0	2	156
Grand Total	312	1	0	313	0	4	0	4	0	2	0	2	319
Approach %	99.7	0.3	0.0		0.0	100.0	0.0		0.0	100.0	0.0		
Total %	97.8	0.3	0.0	98.1	0.0	1.3	0.0	1.3	0.0	0.6	0.0	0.6	
Exiting Leg Total				2				1				316	319

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:30 AM	37	0	0	37	0	0	0	0	0	0	0	0	37
7:45 AM	58	0	0	58	0	0	0	0	0	0	0	0	58
8:00 AM	44	0	0	44	0	0	0	0	0	0	0	0	44
8:15 AM	52	0	0	52	0	1	0	1	0	0	0	0	53
Total Volume	191	0	0	191	0	1	0	1	0	0	0	0	192
% Approach Total	100.0	0.0	0.0		0.0	100.0	0.0		0.0	0.0	0.0		
PHF	0.823	0.000	0.000	0.823	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.828
Entering Leg	191	0	0	191	0	1	0	1	0	0	0	0	192
Exiting Leg				0				0				192	192
Total				191				1				192	384

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	3	0	0	3	0	0	0	0	0	0	0	0	3
8:00 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
8:15 AM	5	0	0	5	0	0	0	0	0	0	0	0	5
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
Total	9	0	0	9	0	0	0	0	0	0	0	0	9
Grand Total	12	0	0	12	0	0	0	0	0	0	0	0	12
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				12	12
Buses	8	0	0	8	0	0	0	0	0	0	0	0	8
% Buses	66.7	0.0	0.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7
Exiting Leg Total				0				0				8	8
Single-Unit Trucks	4	0	0	4	0	0	0	0	0	0	0	0	4
% Single-Unit	33.3	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
Exiting Leg Total				0				0				4	4
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exiting Leg Total				0				0				0	0

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:00 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
8:15 AM	5	0	0	5	0	0	0	0	0	0	0	0	5
Total Volume	9	0	0	9	0	0	0	0	0	0	0	0	9
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.450	0.000	0.000	0.450	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.450
Buses	6	0	0	6	0	0	0	0	0	0	0	0	6
Buses %	66.7	0.0	0.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7
Single-Unit Trucks	3	0	0	3	0	0	0	0	0	0	0	0	3
Single-Unit %	33.3	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
Articulated %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buses	6	0	0	6	0	0	0	0	0	0	0	0	6
Single-Unit Trucks	3	0	0	3	0	0	0	0	0	0	0	0	3
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Entering Leg	9	0	0	9	0	0	0	0	0	0	0	0	9
Buses				0				0				6	6
Single-Unit Trucks				0				0				3	3
Articulated Trucks				0				0				0	0
Total Exiting Leg				0				0				9	9

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Buses**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	2	0	0	2	0	0	0	0	0	0	0	0	2
8:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:15 AM	3	0	0	3	0	0	0	0	0	0	0	0	3
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
Total	6	0	0	6	0	0	0	0	0	0	0	0	6
Grand Total	8	0	0	8	0	0	0	0	0	0	0	0	8
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				8	8

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:15 AM	3	0	0	3	0	0	0	0	0	0	0	0	3
Total Volume	6	0	0	6	0	0	0	0	0	0	0	0	6
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
Entering Leg	6	0	0	6	0	0	0	0	0	0	0	0	6
Exiting Leg				0				0				6	6
Total				6				0				6	12

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
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157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Single-Unit Trucks**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	0	0	0	1
8:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:15 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	0	0	3	0	0	0	0	0	0	0	0	3
Grand Total	4	0	0	4	0	0	0	0	0	0	0	0	4
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				4	4

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:15 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
Total Volume	3	0	0	3	0	0	0	0	0	0	0	0	3
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.375	0.000	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.375
Entering Leg	3	0	0	3	0	0	0	0	0	0	0	0	3
Exiting Leg				0				0				3	3
Total				3				0				3	6

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
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Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Articulated Trucks

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				0	0

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0
% Approach Total	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entering Leg	0	0	0	0	0	0	0	0	0	0	0	0	0
Exiting Leg				0				0				0	0
Total				0				0				0	0

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Bicycles (on Roadway and Crosswalks)

	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	2
Approach %	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	100.0	0.0		0.0	100.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	50.0	0.0	50.0	0.0	0.0	0.0	50.0	
Exiting Leg Total						1						1						0	2

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	2
% Approach Total	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	100.0	0.0		0.0	100.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.250	0.500
Entering Leg	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	2
Exiting Leg						1						1						0	2
Total						1						2						1	4

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Pedestrians

	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3
8:00 AM	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	1	3	4	0	0	0	0	0	0	4
Grand Total	0	0	0	0	0	0	0	0	0	1	6	7	0	0	0	0	0	0	7
Approach %	0	0	0	0	0		0	0	0	14.286	85.714		0	0	0	0	0		
Total %	0	0	0	0	0	0	0	0	0	14.286	85.714	100	0	0	0	0	0	0	
Exiting Leg Total						0						7						0	7

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
7:15 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	5
% Approach Total	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	100.0		0.0	0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.625	0.625	0.000	0.000	0.000	0.000	0.000	0.000	0.625
Entering Leg	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	5
Exiting Leg						0						5						0	5
Total						0						10						0	10

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars and Heavy Vehicles (Combined)

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	47	0	0	47	0	0	0	0	0	1	0	1	48
4:15 PM	32	1	0	33	0	1	0	1	0	0	0	0	34
4:30 PM	35	0	0	35	0	0	0	0	0	1	0	1	36
4:45 PM	31	0	0	31	0	0	0	0	0	0	0	0	31
Total	145	1	0	146	0	1	0	1	0	2	0	2	149
5:00 PM	33	0	0	33	0	4	0	4	0	0	0	0	37
5:15 PM	46	0	0	46	0	0	0	0	0	0	0	0	46
5:30 PM	32	0	0	32	0	0	0	0	0	0	0	0	32
5:45 PM	36	0	0	36	0	0	0	0	0	0	0	0	36
Total	147	0	0	147	0	4	0	4	0	0	0	0	151
Grand Total	292	1	0	293	0	5	0	5	0	2	0	2	300
Approach %	99.7	0.3	0.0		0.0	100.0	0.0		0.0	100.0	0.0		
Total %	97.3	0.3	0.0	97.7	0.0	1.7	0.0	1.7	0.0	0.7	0.0	0.7	
Exiting Leg Total				2				1				297	300
Cars	286	1	0	287	0	5	0	5	0	2	0	2	294
% Cars	97.9	100.0	0.0	98.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	98.0
Exiting Leg Total				2				1				291	294
Heavy Vehicles	6	0	0	6	0	0	0	0	0	0	0	0	6
% Heavy Vehicles	2.1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Exiting Leg Total				0				0				6	6

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

5:00 PM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
5:00 PM	33	0	0	33	0	4	0	4	0	0	0	0	37
5:15 PM	46	0	0	46	0	0	0	0	0	0	0	0	46
5:30 PM	32	0	0	32	0	0	0	0	0	0	0	0	32
5:45 PM	36	0	0	36	0	0	0	0	0	0	0	0	36
Total Volume	147	0	0	147	0	4	0	4	0	0	0	0	151
% Approach Total	100.0	0.0	0.0		0.0	100.0	0.0		0.0	0.0	0.0		
PHF	0.799	0.000	0.000	0.799	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.821
Cars	146	0	0	146	0	4	0	4	0	0	0	0	150
Cars %	99.3	0.0	0.0	99.3	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	99.3
Heavy Vehicles	1	0	0	1	0	0	0	0	0	0	0	0	1
Heavy Vehicles %	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Cars Enter Leg	146	0	0	146	0	4	0	4	0	0	0	0	150
Heavy Enter Leg	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Entering Leg	147	0	0	147	0	4	0	4	0	0	0	0	151
Cars Exiting Leg				0				0				150	150
Heavy Exiting Leg				0				0				1	1
Total Exiting Leg				0				0				151	151

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	45	0	0	45	0	0	0	0	0	1	0	1	46
4:15 PM	31	1	0	32	0	1	0	1	0	0	0	0	33
4:30 PM	34	0	0	34	0	0	0	0	0	1	0	1	35
4:45 PM	30	0	0	30	0	0	0	0	0	0	0	0	30
Total	140	1	0	141	0	1	0	1	0	2	0	2	144
5:00 PM	32	0	0	32	0	4	0	4	0	0	0	0	36
5:15 PM	46	0	0	46	0	0	0	0	0	0	0	0	46
5:30 PM	32	0	0	32	0	0	0	0	0	0	0	0	32
5:45 PM	36	0	0	36	0	0	0	0	0	0	0	0	36
Total	146	0	0	146	0	4	0	4	0	0	0	0	150
Grand Total	286	1	0	287	0	5	0	5	0	2	0	2	294
Approach %	99.7	0.3	0.0		0.0	100.0	0.0		0.0	100.0	0.0		
Total %	97.3	0.3	0.0	97.6	0.0	1.7	0.0	1.7	0.0	0.7	0.0	0.7	
Exiting Leg Total				2				1				291	294

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

5:00 PM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
5:00 PM	32	0	0	32	0	4	0	4	0	0	0	0	36
5:15 PM	46	0	0	46	0	0	0	0	0	0	0	0	46
5:30 PM	32	0	0	32	0	0	0	0	0	0	0	0	32
5:45 PM	36	0	0	36	0	0	0	0	0	0	0	0	36
Total Volume	146	0	0	146	0	4	0	4	0	0	0	0	150
% Approach Total	100.0	0.0	0.0		0.0	100.0	0.0		0.0	0.0	0.0		
PHF	0.793	0.000	0.000	0.793	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.815
Entering Leg	146	0	0	146	0	4	0	4	0	0	0	0	150
Exiting Leg				0				0				150	150
Total				146				4				150	300

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
4:15 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	5	0	0	5	0	0	0	0	0	0	0	0	5
5:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	0	0	0	1
Grand Total	6	0	0	6	0	0	0	0	0	0	0	0	6
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				6	6
Buses	2	0	0	2	0	0	0	0	0	0	0	0	2
% Buses	33.3	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3
Exiting Leg Total				0				0				2	2
Single-Unit Trucks	4	0	0	4	0	0	0	0	0	0	0	0	4
% Single-Unit	66.7	0.0	0.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7
Exiting Leg Total				0				0				4	4
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exiting Leg Total				0				0				0	0

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
4:15 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	5	0	0	5	0	0	0	0	0	0	0	0	5
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.625	0.000	0.000	0.625	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.625
Buses	1	0	0	1	0	0	0	0	0	0	0	0	1
Buses %	20.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
Single-Unit Trucks	4	0	0	4	0	0	0	0	0	0	0	0	4
Single-Unit %	80.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
Articulated %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buses	1	0	0	1	0	0	0	0	0	0	0	0	1
Single-Unit Trucks	4	0	0	4	0	0	0	0	0	0	0	0	4
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Entering Leg	5	0	0	5	0	0	0	0	0	0	0	0	5
Buses				0				0				1	1
Single-Unit Trucks				0				0				4	4
Articulated Trucks				0				0				0	0
Total Exiting Leg				0				0				5	5

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Buses**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	0	0	0	1
5:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	0	0	0	1
Grand Total	2	0	0	2	0	0	0	0	0	0	0	0	2
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				2	2

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	2	0	0	2	0	0	0	0	0	0	0	0	2
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
Entering Leg	2	0	0	2	0	0	0	0	0	0	0	0	2
Exiting Leg				0				0				2	2
Total				2				0				2	4

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Single-Unit Trucks**

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
4:15 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	4	0	0	4	0	0	0	0	0	0	0	0	4
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	4	0	0	4	0	0	0	0	0	0	0	0	4
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				4	4

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
4:15 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Volume	4	0	0	4	0	0	0	0	0	0	0	0	4
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.500	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
Entering Leg	4	0	0	4	0	0	0	0	0	0	0	0	4
Exiting Leg				0				0				4	4
Total				4				0				4	8

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Articulated Trucks

	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total				0				0				0	0

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Bryant Street from North				Public Storage Driveway from East				Bryant Street from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0
% Approach Total	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entering Leg	0	0	0	0	0	0	0	0	0	0	0	0	0
Exiting Leg				0				0				0	0
Total				0				0				0	0

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Bicycles (on Roadway and Crosswalks)

	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
Grand Total	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
Approach %	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	100.0		0.0	0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total						0						2						0	2

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:30 PM	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
% Approach Total	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	100.0		0.0	0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.250
Entering Leg	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
Exiting Leg						0						2						0	2
Total						0						4						0	4

PDI File #: **217935 A**
Location: **N: Bryant Street S: Bryant Street**
Location: **E: Public Storage Driveway**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Pedestrians

	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	2	0	2	4
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	3	2	5	0	0	0	2	0	2	7
Grand Total	0	0	0	0	0	0	0	0	0	5	3	8	0	0	0	2	0	2	10
Approach %	0	0	0	0	0		0	0	0	62.5	37.5		0	0	0	100	0		
Total %	0	0	0	0	0	0	0	0	0	50	30	80	0	0	0	20	0	20	
Exiting Leg Total						0						8						2	10

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	Bryant Street from North						Public Storage Driveway from East						Bryant Street from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	Total
4:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	2	0	2	4
Total Volume	0	0	0	0	0	0	0	0	0	4	1	5	0	0	0	2	0	2	7
% Approach Total	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	80.0	20.0		0.0	0.0	0.0	100.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.250	0.625	0.000	0.000	0.000	0.250	0.000	0.250	0.438
Entering Leg	0	0	0	0	0	0	0	0	0	4	1	5	0	0	0	2	0	2	7
Exiting Leg						0						5						2	7
Total						0						10						4	14

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars and Heavy Vehicles (Combined)

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	28	2	0	0	30	0	0	0	0	0	0	0	1	0	1	31
7:15 AM	0	0	0	0	0	26	0	0	0	26	0	0	0	0	0	0	0	0	0	0	26
7:30 AM	0	0	1	0	1	47	0	0	0	47	0	0	0	0	0	0	0	0	0	0	48
7:45 AM	0	0	0	0	0	74	0	0	0	74	0	0	0	0	0	0	0	0	0	0	74
Total	0	0	1	0	1	175	2	0	0	177	0	0	0	0	0	0	0	1	0	1	179
8:00 AM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
8:15 AM	0	0	0	0	0	34	2	2	0	38	0	0	0	0	0	0	0	0	0	0	38
8:30 AM	0	0	0	0	0	36	0	1	0	37	0	0	0	0	0	0	0	0	0	0	37
8:45 AM	0	0	0	0	0	19	1	0	0	20	0	0	0	0	0	0	0	0	0	0	20
Total	0	0	0	0	0	147	3	3	0	153	0	0	0	0	0	0	0	0	0	0	153
Grand Total	0	0	1	0	1	322	5	3	0	330	0	0	0	0	0	0	0	1	0	1	332
Approach %	0.0	0.0	100.0	0.0		97.6	1.5	0.9	0.0		0.0	0.0	0.0	0.0		0.0	0.0	100.0	0.0		
Total %	0.0	0.0	0.3	0.0	0.3	97.0	1.5	0.9	0.0	99.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	
Exiting Leg Total					323					1					3					5	332
Cars	0	0	1	0	1	311	5	3	0	319	0	0	0	0	0	0	0	1	0	1	321
% Cars	0.0	0.0	100.0	0.0	100.0	96.6	100.0	100.0	0.0	96.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0	96.7
Exiting Leg Total					312					1					3					5	321
Heavy Vehicles	0	0	0	0	0	11	0	0	0	11	0	0	0	0	0	0	0	0	0	0	11
% Heavy Vehicles	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
Exiting Leg Total					11					0					0					0	11

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:30 AM	0	0	1	0	1	47	0	0	0	47	0	0	0	0	0	0	0	0	0	0	48
7:45 AM	0	0	0	0	0	74	0	0	0	74	0	0	0	0	0	0	0	0	0	0	74
8:00 AM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
8:15 AM	0	0	0	0	0	34	2	2	0	38	0	0	0	0	0	0	0	0	0	0	38
Total Volume	0	0	1	0	1	213	2	2	0	217	0	0	0	0	0	0	0	0	0	0	218
% Approach Total	0.0	0.0	100.0	0.0		98.2	0.9	0.9	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.250	0.000	0.250	0.720	0.250	0.250	0.000	0.733	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.736
Cars	0	0	1	0	1	208	2	2	0	212	0	0	0	0	0	0	0	0	0	0	213
Cars %	0.0	0.0	100.0	0.0	100.0	97.7	100.0	100.0	0.0	97.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.7
Heavy Vehicles	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Heavy Vehicles %	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
Cars Enter Leg	0	0	1	0	1	208	2	2	0	212	0	0	0	0	0	0	0	0	0	0	213
Heavy Enter Leg	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Total Entering Leg	0	0	1	0	1	213	2	2	0	217	0	0	0	0	0	0	0	0	0	0	218
Cars Exiting Leg					208					1					2					2	213
Heavy Exiting Leg					5					0					0					0	5
Total Exiting Leg					213					1					2					2	218

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	28	2	0	0	30	0	0	0	0	0	0	0	1	0	1	31
7:15 AM	0	0	0	0	0	23	0	0	0	23	0	0	0	0	0	0	0	0	0	0	23
7:30 AM	0	0	1	0	1	46	0	0	0	46	0	0	0	0	0	0	0	0	0	0	47
7:45 AM	0	0	0	0	0	71	0	0	0	71	0	0	0	0	0	0	0	0	0	0	71
Total	0	0	1	0	1	168	2	0	0	170	0	0	0	0	0	0	0	1	0	1	172
8:00 AM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
8:15 AM	0	0	0	0	0	33	2	2	0	37	0	0	0	0	0	0	0	0	0	0	37
8:30 AM	0	0	0	0	0	35	0	1	0	36	0	0	0	0	0	0	0	0	0	0	36
8:45 AM	0	0	0	0	0	17	1	0	0	18	0	0	0	0	0	0	0	0	0	0	18
Total	0	0	0	0	0	143	3	3	0	149	0	0	0	0	0	0	0	0	0	0	149
Grand Total	0	0	1	0	1	311	5	3	0	319	0	0	0	0	0	0	0	1	0	1	321
Approach %	0.0	0.0	100.0	0.0		97.5	1.6	0.9	0.0		0.0	0.0	0.0	0.0		0.0	0.0	100.0	0.0		
Total %	0.0	0.0	0.3	0.0	0.3	96.9	1.6	0.9	0.0	99.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	
Exiting Leg Total					312					1					3					5	321

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:30 AM	0	0	1	0	1	46	0	0	0	46	0	0	0	0	0	0	0	0	0	0	47
7:45 AM	0	0	0	0	0	71	0	0	0	71	0	0	0	0	0	0	0	0	0	0	71
8:00 AM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
8:15 AM	0	0	0	0	0	33	2	2	0	37	0	0	0	0	0	0	0	0	0	0	37
Total Volume	0	0	1	0	1	208	2	2	0	212	0	0	0	0	0	0	0	0	0	0	213
% Approach Total	0.0	0.0	100.0	0.0		98.1	0.9	0.9	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.250	0.000	0.250	0.732	0.250	0.250	0.000	0.746	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.750
Entering Leg	0	0	1	0	1	208	2	2	0	212	0	0	0	0	0	0	0	0	0	0	213
Exiting Leg					208					1					2					2	213
Total					209					213					2					2	426

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
7:30 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Total	0	0	0	0	0	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
Grand Total	0	0	0	0	0	11	0	0	0	11	0	0	0	0	0	0	0	0	0	0	11
Approach %	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total					11					0					0					0	11
Buses	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
% Buses	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2
Exiting Leg Total					2					0					0					0	2
Single-Unit Trucks	0	0	0	0	0	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0	9
% Single-Unit	0.0	0.0	0.0	0.0	0.0	81.8	0.0	0.0	0.0	81.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.8
Exiting Leg Total					9					0					0					0	9
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exiting Leg Total					0					0					0					0	0

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
7:30 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Total Volume	0	0	0	0	0	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
% Approach Total	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.583	0.000	0.000	0.000	0.583	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.583
Buses	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Buses %	0.0	0.0	0.0	0.0	0.0	28.6	0.0	0.0	0.0	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6
Single-Unit Trucks	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Single-Unit %	0.0	0.0	0.0	0.0	0.0	71.4	0.0	0.0	0.0	71.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.4
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Articulated %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Buses	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Single-Unit Trucks	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Entering Leg	0	0	0	0	0	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Buses					2					0					0					0	2

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
Single-Unit Trucks					5					0					0					0	5
Articulated Trucks					0					0					0					0	0
Total Exiting Leg					7					0					0					0	7

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
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157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Buses

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Approach %	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total					2					0					0					0	2

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
% Approach Total	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
Entering Leg	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Exiting Leg					2					0					0					0	2
Total					2					2					0					0	4

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

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157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Single-Unit Trucks

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
Grand Total	0	0	0	0	0	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0	9
Approach %	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total					9					0					0					0	9

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
% Approach Total	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.625	0.000	0.000	0.000	0.625	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.625
Entering Leg	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Exiting Leg					5					0					0					0	5
Total					5					5					0					0	10

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Articulated Trucks

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total					0					0					0					0	0

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Approach Total	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entering Leg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exiting Leg					0					0					0					0	0
Total					0					0					0					0	0

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Bicycles (on Roadway and Crosswalks)

	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total						0						0						0	0

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Approach Total	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entering Leg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exiting Leg						0						0						0	0
Total						0						0						0	0

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Pedestrians

	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	8	8
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	14	14
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	10	10
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8	15	15
8:45 AM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	5	4	9	10
Total	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	23	25	48	49
Grand Total	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	27	29	56	57
Approach %	0	0	0	0	100		0	0	0	0	0		0	0	0	48.214	51.786		
Total %	0	0	0	0	1.7544	1.7544	0	0	0	0	0	0	0	0	0	47.368	50.877	98.246	
Exiting Leg Total						1						0						56	57

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

8:00 AM	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	14	14
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	10	10
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8	15	15
8:45 AM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	5	4	9	10
Total Volume	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	23	25	48	49
% Approach Total	0.0	0.0	0.0	0.0	100.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	47.9	52.1		
PHF	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.719	0.781	0.800	0.817
Entering Leg	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	23	25	48	49
Exiting Leg						1						0						48	49
Total						2						0						96	98

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars and Heavy Vehicles (Combined)

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	54	2	1	0	57	0	0	0	0	0	0	0	1	0	1	58
4:15 PM	0	0	1	0	1	44	2	0	0	46	0	0	0	0	0	0	0	1	0	1	48
4:30 PM	0	0	0	0	0	57	0	0	0	57	0	1	0	0	1	0	0	0	0	0	58
4:45 PM	0	0	0	0	0	58	0	1	0	59	0	1	0	0	1	0	0	1	0	1	61
Total	0	0	1	0	1	213	4	2	0	219	0	2	0	0	2	0	0	3	0	3	225
5:00 PM	0	0	0	0	0	63	0	1	0	64	1	0	0	0	1	0	1	0	0	1	66
5:15 PM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
5:30 PM	0	0	0	0	0	33	0	0	0	33	0	0	0	0	0	0	0	0	0	0	33
5:45 PM	0	0	0	0	0	57	0	1	0	58	0	0	0	0	0	0	0	0	0	0	58
Total	0	0	0	0	0	211	0	2	0	213	1	0	0	0	1	0	1	0	0	1	215
Grand Total	0	0	1	0	1	424	4	4	0	432	1	2	0	0	3	0	1	3	0	4	440
Approach %	0.0	0.0	100.0	0.0		98.1	0.9	0.9	0.0		33.3	66.7	0.0	0.0		0.0	25.0	75.0	0.0		
Total %	0.0	0.0	0.2	0.0	0.2	96.4	0.9	0.9	0.0	98.2	0.2	0.5	0.0	0.0	0.7	0.0	0.2	0.7	0.0	0.9	
Exiting Leg Total					429					3					4					4	440
Cars	0	0	1	0	1	420	4	4	0	428	0	2	0	0	2	0	0	3	0	3	434
% Cars	0.0	0.0	100.0	0.0	100.0	99.1	100.0	100.0	0.0	99.1	0.0	100.0	0.0	0.0	66.7	0.0	0.0	100.0	0.0	75.0	98.6
Exiting Leg Total					425					1					4					4	434
Heavy Vehicles	0	0	0	0	0	4	0	0	0	4	1	0	0	0	1	0	1	0	0	1	6
% Heavy Vehicles	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.9	100.0	0.0	0.0	0.0	33.3	0.0	100.0	0.0	0.0	25.0	1.4
Exiting Leg Total					4					2					0					0	6

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:30 PM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:30 PM	0	0	0	0	0	57	0	0	0	57	0	1	0	0	1	0	0	0	0	0	58
4:45 PM	0	0	0	0	0	58	0	1	0	59	0	1	0	0	1	0	0	1	0	1	61
5:00 PM	0	0	0	0	0	63	0	1	0	64	1	0	0	0	1	0	1	0	0	1	66
5:15 PM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
Total Volume	0	0	0	0	0	236	0	2	0	238	1	2	0	0	3	0	1	1	0	2	243
% Approach Total	0.0	0.0	0.0	0.0		99.2	0.0	0.8	0.0		33.3	66.7	0.0	0.0		0.0	50.0	50.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.937	0.000	0.500	0.000	0.930	0.250	0.500	0.000	0.000	0.750	0.000	0.250	0.250	0.000	0.500	0.920
Cars	0	0	0	0	0	234	0	2	0	236	0	2	0	0	2	0	0	1	0	1	239
Cars %	0.0	0.0	0.0	0.0	0.0	99.2	0.0	100.0	0.0	99.2	0.0	100.0	0.0	0.0	66.7	0.0	0.0	100.0	0.0	50.0	98.4
Heavy Vehicles	0	0	0	0	0	2	0	0	0	2	1	0	0	0	1	0	1	0	0	1	4
Heavy Vehicles %	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.8	100.0	0.0	0.0	0.0	33.3	0.0	100.0	0.0	0.0	50.0	1.6
Cars Enter Leg	0	0	0	0	0	234	0	2	0	236	0	2	0	0	2	0	0	1	0	1	239
Heavy Enter Leg	0	0	0	0	0	2	0	0	0	2	1	0	0	0	1	0	1	0	0	1	4
Total Entering Leg	0	0	0	0	0	236	0	2	0	238	1	2	0	0	3	0	1	1	0	2	243
Cars Exiting Leg					237					0					2					0	239
Heavy Exiting Leg					2					2					0					0	4
Total Exiting Leg					239					2					2					0	243

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	54	2	1	0	57	0	0	0	0	0	0	0	1	0	1	58
4:15 PM	0	0	1	0	1	43	2	0	0	45	0	0	0	0	0	0	0	1	0	1	47
4:30 PM	0	0	0	0	0	57	0	0	0	57	0	1	0	0	1	0	0	0	0	0	58
4:45 PM	0	0	0	0	0	57	0	1	0	58	0	1	0	0	1	0	0	1	0	1	60
Total	0	0	1	0	1	211	4	2	0	217	0	2	0	0	2	0	0	3	0	3	223
5:00 PM	0	0	0	0	0	62	0	1	0	63	0	0	0	0	0	0	0	0	0	0	63
5:15 PM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
5:30 PM	0	0	0	0	0	33	0	0	0	33	0	0	0	0	0	0	0	0	0	0	33
5:45 PM	0	0	0	0	0	56	0	1	0	57	0	0	0	0	0	0	0	0	0	0	57
Total	0	0	0	0	0	209	0	2	0	211	0	0	0	0	0	0	0	0	0	0	211
Grand Total	0	0	1	0	1	420	4	4	0	428	0	2	0	0	2	0	0	3	0	3	434
Approach %	0.0	0.0	100.0	0.0		98.1	0.9	0.9	0.0		0.0	100.0	0.0	0.0		0.0	0.0	100.0	0.0		
Total %	0.0	0.0	0.2	0.0	0.2	96.8	0.9	0.9	0.0	98.6	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.7	0.0	0.7	
Exiting Leg Total					425					1					4					4	434

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:30 PM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:30 PM	0	0	0	0	0	57	0	0	0	57	0	1	0	0	1	0	0	0	0	0	58
4:45 PM	0	0	0	0	0	57	0	1	0	58	0	1	0	0	1	0	0	1	0	1	60
5:00 PM	0	0	0	0	0	62	0	1	0	63	0	0	0	0	0	0	0	0	0	0	63
5:15 PM	0	0	0	0	0	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
Total Volume	0	0	0	0	0	234	0	2	0	236	0	2	0	0	2	0	0	1	0	1	239
% Approach Total	0.0	0.0	0.0	0.0		99.2	0.0	0.8	0.0		0.0	100.0	0.0	0.0		0.0	0.0	100.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.944	0.000	0.500	0.000	0.937	0.000	0.500	0.000	0.000	0.500	0.000	0.000	0.250	0.000	0.250	0.948
Entering Leg	0	0	0	0	0	234	0	2	0	236	0	2	0	0	2	0	0	1	0	1	239
Exiting Leg					237					0					2					0	239
Total					237					236					4					1	478

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5:00 PM	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	1	0	0	1	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	2	0	0	0	2	1	0	0	0	1	0	1	0	0	1	4
Grand Total	0	0	0	0	0	4	0	0	0	4	1	0	0	0	1	0	1	0	0	1	6
Approach %	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	66.7	0.0	0.0	0.0	66.7	16.7	0.0	0.0	0.0	16.7	0.0	16.7	0.0	0.0	16.7	
Exiting Leg Total					4					2					0					0	6
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Buses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exiting Leg Total					0					0					0					0	0
Single-Unit Trucks	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	1	0	0	1	5
% Single-Unit	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	83.3
Exiting Leg Total					4					1					0					0	5
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
% Articulated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	16.7
Exiting Leg Total					0					1					0					0	1

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	1	0	0	1	3
Total Volume	0	0	0	0	0	3	0	0	0	3	1	0	0	0	1	0	1	0	0	1	5
% Approach Total	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.750	0.000	0.000	0.000	0.750	0.250	0.000	0.000	0.000	0.250	0.000	0.250	0.000	0.000	0.250	0.417
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buses %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Single-Unit Trucks	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	1	0	0	1	4
Single-Unit %	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	80.0
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Articulated %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	20.0
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Single-Unit Trucks	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	1	0	0	1	4
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Total Entering Leg	0	0	0	0	0	3	0	0	0	3	1	0	0	0	1	0	1	0	0	1	5

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
Buses					0					0					0					0	0
Single-Unit Trucks					3					1					0					0	4
Articulated Trucks					0					1					0					0	1
Total Exiting Leg					3					2					0					0	5

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Buses

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total					0					0					0					0	0

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Approach Total	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entering Leg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exiting Leg					0					0					0					0	0
Total					0					0					0					0	0

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Single-Unit Trucks

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	1	0	0	1	3
Grand Total	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	1	0	0	1	5
Approach %	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	20.0	
Exiting Leg Total					4					1					0					0	5

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	2
Total Volume	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	1	0	0	1	4
% Approach Total	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.750	0.000	0.000	0.000	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.250	0.500
Entering Leg	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	1	0	0	1	4
Exiting Leg					3					1					0					0	4
Total					3					4					0					1	8

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Articulated Trucks

	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Grand Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Approach %	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total					0					1					0					0	1

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	Faulkner Street from North					Faulkner Street from South					Public Storage Front Lot from Southwest					Public Storage Parking Area from West					
	Right	Bear Right	Thru	U-Turn	Total	Thru	Left	Hard Left	U-Turn	Total	Hard Right	Bear Left	Hard Left	U-Turn	Total	Hard Right	Right	Left	U-Turn	Total	Total
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
% Approach Total	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.250
Entering Leg	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Exiting Leg					0					1					0					0	1
Total					0					1					1					0	2

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Bicycles (on Roadway and Crosswalks)

	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approach %	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total						0						0						0	0

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Approach Total	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Entering Leg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exiting Leg						0						0						0	0
Total						0						0						0	0

PDI File #: **217935 B**
Location: **N: Faulkner Street S: Faulkner Street**
Location: **W: Public Storage Parking Area SW: Public Storage Front Lot**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Pedestrians

	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	8	8
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	3
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4	4
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	12	12
Approach %	0	0	0	0	0		0	0	0	0	0		0	0	0	66.667	33.333		
Total %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.667	33.333	100	
Exiting Leg Total						0						0						12	12

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Faulkner Street from North						Faulkner Street from South						Public Storage Parking Area from West						
	Right	Thru	U-Turn	CW-EB	CW-WB	Total	Thru	Left	U-Turn	CW-WB	CW-EB	Total	Right	Left	U-Turn	CW-NB	CW-SB	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	8	8
% Approach Total	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	62.5	37.5		
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.313	0.250	0.500	0.500
Entering Leg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	8	8
Exiting Leg						0						0						8	8
Total						0						0						16	16

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class:

Cars and Heavy Vehicles (Combined)

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	144	0	144	111	0	0	111	255
7:15 AM	0	0	0	0	0	184	0	184	124	1	0	125	309
7:30 AM	0	0	0	0	0	163	0	163	145	1	0	146	309
7:45 AM	1	1	0	2	0	198	0	198	173	0	0	173	373
Total	1	1	0	2	0	689	0	689	553	2	0	555	1246
8:00 AM	0	0	0	0	0	148	0	148	158	0	0	158	306
8:15 AM	0	0	0	0	0	151	0	151	130	0	0	130	281
8:30 AM	0	0	0	0	1	140	0	141	127	1	0	128	269
8:45 AM	0	0	0	0	0	130	0	130	98	0	0	98	228
Total	0	0	0	0	1	569	0	570	513	1	0	514	1084
Grand Total	1	1	0	2	1	1258	0	1259	1066	3	0	1069	2330
Approach %	50.0	50.0	0.0		0.1	99.9	0.0		99.7	0.3	0.0		
Total %	0.0	0.0	0.0	0.1	0.0	54.0	0.0	54.0	45.8	0.1	0.0	45.9	
Exiting Leg Total				4				1067				1259	2330
Cars	1	1	0	2	1	1216	0	1217	993	2	0	995	2214
% Cars	100.0	100.0	0.0	100.0	100.0	96.7	0.0	96.7	93.2	66.7	0.0	93.1	95.0
Exiting Leg Total				3				994				1217	2214
Heavy Vehicles	0	0	0	0	0	42	0	42	73	1	0	74	116
% Heavy Vehicles	0.0	0.0	0.0	0.0	0.0	3.3	0.0	3.3	6.8	33.3	0.0	6.9	5.0
Exiting Leg Total				1				73				42	116

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:15 AM	0	0	0	0	0	184	0	184	124	1	0	125	309
7:30 AM	0	0	0	0	0	163	0	163	145	1	0	146	309
7:45 AM	1	1	0	2	0	198	0	198	173	0	0	173	373
8:00 AM	0	0	0	0	0	148	0	148	158	0	0	158	306
Total Volume	1	1	0	2	0	693	0	693	600	2	0	602	1297
% Approach Total	50.0	50.0	0.0		0.0	100.0	0.0		99.7	0.3	0.0		
PHF	0.250	0.250	0.000	0.250	0.000	0.875	0.000	0.875	0.867	0.500	0.000	0.870	0.869
Cars	1	1	0	2	0	671	0	671	562	1	0	563	1236
Cars %	100.0	100.0	0.0	100.0	0.0	96.8	0.0	96.8	93.7	50.0	0.0	93.5	95.3
Heavy Vehicles	0	0	0	0	0	22	0	22	38	1	0	39	61
Heavy Vehicles %	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.2	6.3	50.0	0.0	6.5	4.7
Cars Enter Leg	1	1	0	2	0	671	0	671	562	1	0	563	1236
Heavy Enter Leg	0	0	0	0	0	22	0	22	38	1	0	39	61
Total Entering Leg	1	1	0	2	0	693	0	693	600	2	0	602	1297
Cars Exiting Leg				1				563				672	1236
Heavy Exiting Leg				1				38				22	61
Total Exiting Leg				2				601				694	1297

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	140	0	140	104	0	0	104	244
7:15 AM	0	0	0	0	0	180	0	180	117	1	0	118	298
7:30 AM	0	0	0	0	0	159	0	159	132	0	0	132	291
7:45 AM	1	1	0	2	0	190	0	190	165	0	0	165	357
Total	1	1	0	2	0	669	0	669	518	1	0	519	1190
8:00 AM	0	0	0	0	0	142	0	142	148	0	0	148	290
8:15 AM	0	0	0	0	0	147	0	147	117	0	0	117	264
8:30 AM	0	0	0	0	1	132	0	133	116	1	0	117	250
8:45 AM	0	0	0	0	0	126	0	126	94	0	0	94	220
Total	0	0	0	0	1	547	0	548	475	1	0	476	1024
Grand Total	1	1	0	2	1	1216	0	1217	993	2	0	995	2214
Approach %	50.0	50.0	0.0		0.1	99.9	0.0		99.8	0.2	0.0		
Total %	0.0	0.0	0.0	0.1	0.0	54.9	0.0	55.0	44.9	0.1	0.0	44.9	
Exiting Leg Total				3				994				1217	2214

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:15 AM	0	0	0	0	0	180	0	180	117	1	0	118	298
7:30 AM	0	0	0	0	0	159	0	159	132	0	0	132	291
7:45 AM	1	1	0	2	0	190	0	190	165	0	0	165	357
8:00 AM	0	0	0	0	0	142	0	142	148	0	0	148	290
Total Volume	1	1	0	2	0	671	0	671	562	1	0	563	1236
% Approach Total	50.0	50.0	0.0		0.0	100.0	0.0		99.8	0.2	0.0		
PHF	0.250	0.250	0.000	0.250	0.000	0.883	0.000	0.883	0.852	0.250	0.000	0.853	0.866
Entering Leg	1	1	0	2	0	671	0	671	562	1	0	563	1236
Exiting Leg				1				563				672	1236
Total				3				1234				1235	2472

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	4	0	4	7	0	0	7	11
7:15 AM	0	0	0	0	0	4	0	4	7	0	0	7	11
7:30 AM	0	0	0	0	0	4	0	4	13	1	0	14	18
7:45 AM	0	0	0	0	0	8	0	8	8	0	0	8	16
Total	0	0	0	0	0	20	0	20	35	1	0	36	56
8:00 AM	0	0	0	0	0	6	0	6	10	0	0	10	16
8:15 AM	0	0	0	0	0	4	0	4	13	0	0	13	17
8:30 AM	0	0	0	0	0	8	0	8	11	0	0	11	19
8:45 AM	0	0	0	0	0	4	0	4	4	0	0	4	8
Total	0	0	0	0	0	22	0	22	38	0	0	38	60
Grand Total	0	0	0	0	0	42	0	42	73	1	0	74	116
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		98.6	1.4	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	36.2	0.0	36.2	62.9	0.9	0.0	63.8	
Exiting Leg Total				1				73				42	116
Buses	0	0	0	0	0	9	0	9	21	0	0	21	30
% Buses	0.0	0.0	0.0	0.0	0.0	21.4	0.0	21.4	28.8	0.0	0.0	28.4	25.9
Exiting Leg Total				0				21				9	30
Single-Unit Trucks	0	0	0	0	0	24	0	24	43	1	0	44	68
% Single-Unit	0.0	0.0	0.0	0.0	0.0	57.1	0.0	57.1	58.9	100.0	0.0	59.5	58.6
Exiting Leg Total				1				43				24	68
Articulated Trucks	0	0	0	0	0	9	0	9	9	0	0	9	18
% Articulated	0.0	0.0	0.0	0.0	0.0	21.4	0.0	21.4	12.3	0.0	0.0	12.2	15.5
Exiting Leg Total				0				9				9	18

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:45 AM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:45 AM	0	0	0	0	0	8	0	8	8	0	0	8	16
8:00 AM	0	0	0	0	0	6	0	6	10	0	0	10	16
8:15 AM	0	0	0	0	0	4	0	4	13	0	0	13	17
8:30 AM	0	0	0	0	0	8	0	8	11	0	0	11	19
Total Volume	0	0	0	0	0	26	0	26	42	0	0	42	68
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.813	0.000	0.813	0.808	0.000	0.000	0.808	0.895
Buses	0	0	0	0	0	5	0	5	15	0	0	15	20
Buses %	0.0	0.0	0.0	0.0	0.0	19.2	0.0	19.2	35.7	0.0	0.0	35.7	29.4
Single-Unit Trucks	0	0	0	0	0	17	0	17	19	0	0	19	36
Single-Unit %	0.0	0.0	0.0	0.0	0.0	65.4	0.0	65.4	45.2	0.0	0.0	45.2	52.9
Articulated Trucks	0	0	0	0	0	4	0	4	8	0	0	8	12
Articulated %	0.0	0.0	0.0	0.0	0.0	15.4	0.0	15.4	19.0	0.0	0.0	19.0	17.6
Buses	0	0	0	0	0	5	0	5	15	0	0	15	20
Single-Unit Trucks	0	0	0	0	0	17	0	17	19	0	0	19	36
Articulated Trucks	0	0	0	0	0	4	0	4	8	0	0	8	12
Total Entering Leg	0	0	0	0	0	26	0	26	42	0	0	42	68
Buses				0				15				5	20
Single-Unit Trucks				0				19				17	36
Articulated Trucks				0				8				4	12
Total Exiting Leg				0				42				26	68

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Buses

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	2	0	2	3	0	0	3	5
7:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	1
7:30 AM	0	0	0	0	0	2	0	2	2	0	0	2	4
7:45 AM	0	0	0	0	0	2	0	2	4	0	0	4	6
Total	0	0	0	0	0	6	0	6	10	0	0	10	16
8:00 AM	0	0	0	0	0	1	0	1	6	0	0	6	7
8:15 AM	0	0	0	0	0	1	0	1	3	0	0	3	4
8:30 AM	0	0	0	0	0	1	0	1	2	0	0	2	3
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	3	0	3	11	0	0	11	14
Grand Total	0	0	0	0	0	9	0	9	21	0	0	21	30
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	30.0	0.0	30.0	70.0	0.0	0.0	70.0	
Exiting Leg Total				0				21				9	30

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:30 AM	0	0	0	0	0	2	0	2	2	0	0	2	4
7:45 AM	0	0	0	0	0	2	0	2	4	0	0	4	6
8:00 AM	0	0	0	0	0	1	0	1	6	0	0	6	7
8:15 AM	0	0	0	0	0	1	0	1	3	0	0	3	4
Total Volume	0	0	0	0	0	6	0	6	15	0	0	15	21
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.750	0.000	0.750	0.625	0.000	0.000	0.625	0.750
Entering Leg	0	0	0	0	0	6	0	6	15	0	0	15	21
Exiting Leg				0				15				6	21
Total				0				21				21	42

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Single-Unit Trucks**

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	3
7:15 AM	0	0	0	0	0	2	0	2	6	0	0	6	8
7:30 AM	0	0	0	0	0	2	0	2	11	1	0	12	14
7:45 AM	0	0	0	0	0	5	0	5	2	0	0	2	7
Total	0	0	0	0	0	9	0	9	22	1	0	23	32
8:00 AM	0	0	0	0	0	5	0	5	2	0	0	2	7
8:15 AM	0	0	0	0	0	3	0	3	7	0	0	7	10
8:30 AM	0	0	0	0	0	4	0	4	8	0	0	8	12
8:45 AM	0	0	0	0	0	3	0	3	4	0	0	4	7
Total	0	0	0	0	0	15	0	15	21	0	0	21	36
Grand Total	0	0	0	0	0	24	0	24	43	1	0	44	68
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		97.7	2.3	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	35.3	0.0	35.3	63.2	1.5	0.0	64.7	
Exiting Leg Total				1				43				24	68

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:30 AM	0	0	0	0	0	2	0	2	11	1	0	12	14
7:45 AM	0	0	0	0	0	5	0	5	2	0	0	2	7
8:00 AM	0	0	0	0	0	5	0	5	2	0	0	2	7
8:15 AM	0	0	0	0	0	3	0	3	7	0	0	7	10
Total Volume	0	0	0	0	0	15	0	15	22	1	0	23	38
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		95.7	4.3	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.750	0.000	0.750	0.500	0.250	0.000	0.479	0.679
Entering Leg	0	0	0	0	0	15	0	15	22	1	0	23	38
Exiting Leg				1				22				15	38
Total				1				37				38	76

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Articulated Trucks

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:00 AM	0	0	0	0	0	2	0	2	1	0	0	1	3
7:15 AM	0	0	0	0	0	2	0	2	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	1	0	1	2	0	0	2	3
Total	0	0	0	0	0	5	0	5	3	0	0	3	8
8:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	2
8:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	3
8:30 AM	0	0	0	0	0	3	0	3	1	0	0	1	4
8:45 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	0	0	0	0	0	4	0	4	6	0	0	6	10
Grand Total	0	0	0	0	0	9	0	9	9	0	0	9	18
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	50.0	0.0	50.0	50.0	0.0	0.0	50.0	
Exiting Leg Total				0				9				9	18

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:45 AM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
7:45 AM	0	0	0	0	0	1	0	1	2	0	0	2	3
8:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	2
8:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	3
8:30 AM	0	0	0	0	0	3	0	3	1	0	0	1	4
Total Volume	0	0	0	0	0	4	0	4	8	0	0	8	12
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.333	0.000	0.333	0.667	0.000	0.000	0.667	0.750
Entering Leg	0	0	0	0	0	4	0	4	8	0	0	8	12
Exiting Leg				0				8				4	12
Total				0				12				12	24

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Bicycles (on Roadway and Crosswalks)

	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	2
7:45 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	1	0	1	3
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	1	0	1	3
Approach %	0.0	0.0	0.0	100.0	0.0		0.0	100.0	0.0	0.0	0.0		0.0	0.0	0.0	100.0	0.0		
Total %	0.0	0.0	0.0	33.3	0.0	33.3	0.0	33.3	0.0	0.0	0.0	33.3	0.0	0.0	0.0	33.3	0.0	33.3	
Exiting Leg Total						1						0						2	3

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	2
7:45 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	1	0	1	3
% Approach Total	0.0	0.0	0.0	100.0	0.0		0.0	100.0	0.0	0.0	0.0		0.0	0.0	0.0	100.0	0.0		
PHF	0.000	0.000	0.000	0.250	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.250	0.000	0.250	0.375
Entering Leg	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	1	0	1	3
Exiting Leg						1						0						2	3
Total						2						1						3	6

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Pedestrians

	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	5	0	5	6
7:15 AM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2
7:30 AM	0	0	0	1	2	3	0	0	0	0	2	2	0	0	0	4	1	5	10
7:45 AM	0	0	0	2	0	2	0	0	0	0	5	5	0	0	0	13	1	14	21
Total	0	0	0	3	3	6	0	0	0	0	8	8	0	0	0	22	3	25	39
8:00 AM	0	0	0	0	10	10	0	0	0	0	11	11	0	0	0	10	3	13	34
8:15 AM	0	0	0	3	0	3	0	0	0	2	1	3	0	0	0	8	6	14	20
8:30 AM	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	2	1	3	5
8:45 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	2	3
Total	0	0	0	5	11	16	0	0	0	2	12	14	0	0	0	21	11	32	62
Grand Total	0	0	0	8	14	22	0	0	0	2	20	22	0	0	0	43	14	57	101
Approach %	0	0	0	36.364	63.636		0	0	0	9.0909	90.909		0	0	0	75.439	24.561		
Total %	0	0	0	7.9208	13.861	21.782	0	0	0	1.9802	19.802	21.782	0	0	0	42.574	13.861	56.436	
Exiting Leg Total						22						22						57	101

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:30 AM	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
7:30 AM	0	0	0	1	2	3	0	0	0	0	2	2	0	0	0	4	1	5	10
7:45 AM	0	0	0	2	0	2	0	0	0	0	5	5	0	0	0	13	1	14	21
8:00 AM	0	0	0	0	10	10	0	0	0	0	11	11	0	0	0	10	3	13	34
8:15 AM	0	0	0	3	0	3	0	0	0	2	1	3	0	0	0	8	6	14	20
Total Volume	0	0	0	6	12	18	0	0	0	2	19	21	0	0	0	35	11	46	85
% Approach Total	0.0	0.0	0.0	33.3	66.7		0.0	0.0	0.0	9.5	90.5		0.0	0.0	0.0	76.1	23.9		
PHF	0.000	0.000	0.000	0.500	0.300	0.450	0.000	0.000	0.000	0.250	0.432	0.477	0.000	0.000	0.000	0.673	0.458	0.821	0.625
Entering Leg	0	0	0	6	12	18	0	0	0	2	19	21	0	0	0	35	11	46	85
Exiting Leg						18						21						46	85
Total						36						42						92	170

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars and Heavy Vehicles (Combined)

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:00 PM	2	0	0	2	1	136	1	138	192	1	0	193	333
4:15 PM	0	0	0	0	0	150	0	150	187	0	0	187	337
4:30 PM	3	0	0	3	0	141	0	141	199	0	0	199	343
4:45 PM	0	0	0	0	1	168	0	169	197	0	0	197	366
Total	5	0	0	5	2	595	1	598	775	1	0	776	1379
5:00 PM	0	0	0	0	0	150	0	150	200	0	0	200	350
5:15 PM	0	1	0	1	0	126	0	126	222	1	0	223	350
5:30 PM	0	0	0	0	1	115	0	116	176	0	0	176	292
5:45 PM	0	0	0	0	0	126	0	126	187	1	0	188	314
Total	0	1	0	1	1	517	0	518	785	2	0	787	1306
Grand Total	5	1	0	6	3	1112	1	1116	1560	3	0	1563	2685
Approach %	83.3	16.7	0.0		0.3	99.6	0.1		99.8	0.2	0.0		
Total %	0.2	0.0	0.0	0.2	0.1	41.4	0.0	41.6	58.1	0.1	0.0	58.2	
Exiting Leg Total				6				1562				1117	2685
Cars	5	1	0	6	3	1095	1	1099	1529	3	0	1532	2637
% Cars	100.0	100.0	0.0	100.0	100.0	98.5	100.0	98.5	98.0	100.0	0.0	98.0	98.2
Exiting Leg Total				6				1531				1100	2637
Heavy Vehicles	0	0	0	0	0	17	0	17	31	0	0	31	48
% Heavy Vehicles	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	2.0	0.0	0.0	2.0	1.8
Exiting Leg Total				0				31				17	48

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:30 PM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:30 PM	3	0	0	3	0	141	0	141	199	0	0	199	343
4:45 PM	0	0	0	0	1	168	0	169	197	0	0	197	366
5:00 PM	0	0	0	0	0	150	0	150	200	0	0	200	350
5:15 PM	0	1	0	1	0	126	0	126	222	1	0	223	350
Total Volume	3	1	0	4	1	585	0	586	818	1	0	819	1409
% Approach Total	75.0	25.0	0.0		0.2	99.8	0.0		99.9	0.1	0.0		
PHF	0.250	0.250	0.000	0.333	0.250	0.871	0.000	0.867	0.921	0.250	0.000	0.918	0.962
Cars	3	1	0	4	1	575	0	576	804	1	0	805	1385
Cars %	100.0	100.0	0.0	100.0	100.0	98.3	0.0	98.3	98.3	100.0	0.0	98.3	98.3
Heavy Vehicles	0	0	0	0	0	10	0	10	14	0	0	14	24
Heavy Vehicles %	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.7	1.7	0.0	0.0	1.7	1.7
Cars Enter Leg	3	1	0	4	1	575	0	576	804	1	0	805	1385
Heavy Enter Leg	0	0	0	0	0	10	0	10	14	0	0	14	24
Total Entering Leg	3	1	0	4	1	585	0	586	818	1	0	819	1409
Cars Exiting Leg				2				805				578	1385
Heavy Exiting Leg				0				14				10	24
Total Exiting Leg				2				819				588	1409

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cars

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:00 PM	2	0	0	2	1	135	1	137	191	1	0	192	331
4:15 PM	0	0	0	0	0	146	0	146	179	0	0	179	325
4:30 PM	3	0	0	3	0	139	0	139	195	0	0	195	337
4:45 PM	0	0	0	0	1	162	0	163	190	0	0	190	353
Total	5	0	0	5	2	582	1	585	755	1	0	756	1346
5:00 PM	0	0	0	0	0	148	0	148	199	0	0	199	347
5:15 PM	0	1	0	1	0	126	0	126	220	1	0	221	348
5:30 PM	0	0	0	0	1	115	0	116	172	0	0	172	288
5:45 PM	0	0	0	0	0	124	0	124	183	1	0	184	308
Total	0	1	0	1	1	513	0	514	774	2	0	776	1291
Grand Total	5	1	0	6	3	1095	1	1099	1529	3	0	1532	2637
Approach %	83.3	16.7	0.0		0.3	99.6	0.1		99.8	0.2	0.0		
Total %	0.2	0.0	0.0	0.2	0.1	41.5	0.0	41.7	58.0	0.1	0.0	58.1	
Exiting Leg Total				6				1531				1100	2637

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:30 PM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:30 PM	3	0	0	3	0	139	0	139	195	0	0	195	337
4:45 PM	0	0	0	0	1	162	0	163	190	0	0	190	353
5:00 PM	0	0	0	0	0	148	0	148	199	0	0	199	347
5:15 PM	0	1	0	1	0	126	0	126	220	1	0	221	348
Total Volume	3	1	0	4	1	575	0	576	804	1	0	805	1385
% Approach Total	75.0	25.0	0.0		0.2	99.8	0.0		99.9	0.1	0.0		
PHF	0.250	0.250	0.000	0.333	0.250	0.887	0.000	0.883	0.914	0.250	0.000	0.911	0.981
Entering Leg	3	1	0	4	1	575	0	576	804	1	0	805	1385
Exiting Leg				2				805				578	1385
Total				6				1381				1383	2770

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	1	0	1	1	0	0	1	2
4:15 PM	0	0	0	0	0	4	0	4	8	0	0	8	12
4:30 PM	0	0	0	0	0	2	0	2	4	0	0	4	6
4:45 PM	0	0	0	0	0	6	0	6	7	0	0	7	13
Total	0	0	0	0	0	13	0	13	20	0	0	20	33
5:00 PM	0	0	0	0	0	2	0	2	1	0	0	1	3
5:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	2
5:30 PM	0	0	0	0	0	0	0	0	4	0	0	4	4
5:45 PM	0	0	0	0	0	2	0	2	4	0	0	4	6
Total	0	0	0	0	0	4	0	4	11	0	0	11	15
Grand Total	0	0	0	0	0	17	0	17	31	0	0	31	48
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	35.4	0.0	35.4	64.6	0.0	0.0	64.6	
Exiting Leg Total				0				31				17	48
Buses	0	0	0	0	0	1	0	1	3	0	0	3	4
% Buses	0.0	0.0	0.0	0.0	0.0	5.9	0.0	5.9	9.7	0.0	0.0	9.7	8.3
Exiting Leg Total				0				3				1	4
Single-Unit Trucks	0	0	0	0	0	13	0	13	21	0	0	21	34
% Single-Unit	0.0	0.0	0.0	0.0	0.0	76.5	0.0	76.5	67.7	0.0	0.0	67.7	70.8
Exiting Leg Total				0				21				13	34
Articulated Trucks	0	0	0	0	0	3	0	3	7	0	0	7	10
% Articulated	0.0	0.0	0.0	0.0	0.0	17.6	0.0	17.6	22.6	0.0	0.0	22.6	20.8
Exiting Leg Total				0				7				3	10

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:15 PM	0	0	0	0	0	4	0	4	8	0	0	8	12
4:30 PM	0	0	0	0	0	2	0	2	4	0	0	4	6
4:45 PM	0	0	0	0	0	6	0	6	7	0	0	7	13
5:00 PM	0	0	0	0	0	2	0	2	1	0	0	1	3
Total Volume	0	0	0	0	0	14	0	14	20	0	0	20	34
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.583	0.000	0.583	0.625	0.000	0.000	0.625	0.654
Buses	0	0	0	0	0	0	0	0	1	0	0	1	1
Buses %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	2.9
Single-Unit Trucks	0	0	0	0	0	12	0	12	14	0	0	14	26
Single-Unit %	0.0	0.0	0.0	0.0	0.0	85.7	0.0	85.7	70.0	0.0	0.0	70.0	76.5
Articulated Trucks	0	0	0	0	0	2	0	2	5	0	0	5	7
Articulated %	0.0	0.0	0.0	0.0	0.0	14.3	0.0	14.3	25.0	0.0	0.0	25.0	20.6
Buses	0	0	0	0	0	0	0	0	1	0	0	1	1
Single-Unit Trucks	0	0	0	0	0	12	0	12	14	0	0	14	26
Articulated Trucks	0	0	0	0	0	2	0	2	5	0	0	5	7
Total Entering Leg	0	0	0	0	0	14	0	14	20	0	0	20	34
Buses				0				1				0	1
Single-Unit Trucks				0				14				12	26
Articulated Trucks				0				5				2	7
Total Exiting Leg				0				20				14	34

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Buses

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	1	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	1	1	0	0	1	2
Total	0	0	0	0	0	1	0	1	2	0	0	2	3
Grand Total	0	0	0	0	0	1	0	1	3	0	0	3	4
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	25.0	0.0	25.0	75.0	0.0	0.0	75.0	
Exiting Leg Total				0				3				1	4

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

5:00 PM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	1	1	0	0	1	2
Total Volume	0	0	0	0	0	1	0	1	2	0	0	2	3
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.250	0.500	0.000	0.000	0.500	0.375
Entering Leg	0	0	0	0	0	1	0	1	2	0	0	2	3
Exiting Leg				0				2				1	3
Total				0				3				3	6

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Class: **Single-Unit Trucks**

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	1	0	1	1	0	0	1	2
4:15 PM	0	0	0	0	0	3	0	3	6	0	0	6	9
4:30 PM	0	0	0	0	0	2	0	2	3	0	0	3	5
4:45 PM	0	0	0	0	0	5	0	5	5	0	0	5	10
Total	0	0	0	0	0	11	0	11	15	0	0	15	26
5:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
5:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	2
5:45 PM	0	0	0	0	0	0	0	0	3	0	0	3	3
Total	0	0	0	0	0	2	0	2	6	0	0	6	8
Grand Total	0	0	0	0	0	13	0	13	21	0	0	21	34
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	38.2	0.0	38.2	61.8	0.0	0.0	61.8	
Exiting Leg Total				0				21				13	34

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	1	0	1	1	0	0	1	2
4:15 PM	0	0	0	0	0	3	0	3	6	0	0	6	9
4:30 PM	0	0	0	0	0	2	0	2	3	0	0	3	5
4:45 PM	0	0	0	0	0	5	0	5	5	0	0	5	10
Total Volume	0	0	0	0	0	11	0	11	15	0	0	15	26
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.550	0.000	0.550	0.625	0.000	0.000	0.625	0.650
Entering Leg	0	0	0	0	0	11	0	11	15	0	0	15	26
Exiting Leg				0				15				11	26
Total				0				26				26	52

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Articulated Trucks

	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	1	0	1	1	0	0	1	2
4:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
4:45 PM	0	0	0	0	0	1	0	1	2	0	0	2	3
Total	0	0	0	0	0	2	0	2	4	0	0	4	6
5:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	2
5:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	0	0	0	0	0	1	0	1	3	0	0	3	4
Grand Total	0	0	0	0	0	3	0	3	7	0	0	7	10
Approach %	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
Total %	0.0	0.0	0.0	0.0	0.0	30.0	0.0	30.0	70.0	0.0	0.0	70.0	
Exiting Leg Total				0				7				3	10

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	#650 Public Storage Driveway				Eastern Avenue (Route 60)				Eastern Avenue (Route 60)				
	from North				from East				from West				
	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	Thru	Left	U-Turn	Total	Total
4:15 PM	0	0	0	0	0	1	0	1	1	0	0	1	2
4:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
4:45 PM	0	0	0	0	0	1	0	1	2	0	0	2	3
5:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
Total Volume	0	0	0	0	0	2	0	2	5	0	0	5	7
% Approach Total	0.0	0.0	0.0		0.0	100.0	0.0		100.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.625	0.000	0.000	0.625	0.583
Entering Leg	0	0	0	0	0	2	0	2	5	0	0	5	7
Exiting Leg				0				5				2	7
Total				0				7				7	14

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Bicycles (on Roadway and Crosswalks)

	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	3
5:00 PM	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
5:30 PM	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	0	2	3
5:45 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	1	1	2	0	2	0	0	0	2	2	0	0	0	1	3	7
Grand Total	0	0	0	1	1	2	0	2	0	0	0	2	2	0	0	2	2	6	10
Approach %	0.0	0.0	0.0	50.0	50.0		0.0	100.0	0.0	0.0	0.0		33.3	0.0	0.0	33.3	33.3		
Total %	0.0	0.0	0.0	10.0	10.0	20.0	0.0	20.0	0.0	0.0	0.0	20.0	20.0	0.0	0.0	20.0	20.0	60.0	
Exiting Leg Total						2						2						6	10

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

5:00 PM	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
5:00 PM	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
5:30 PM	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	0	2	3
5:45 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
Total Volume	0	0	0	1	1	2	0	2	0	0	0	2	2	0	0	0	1	3	7
% Approach Total	0.0	0.0	0.0	50.0	50.0		0.0	100.0	0.0	0.0	0.0		66.7	0.0	0.0	0.0	33.3		
PHF	0.000	0.000	0.000	0.250	0.250	0.500	0.000	0.500	0.000	0.000	0.000	0.500	0.250	0.000	0.000	0.000	0.250	0.375	0.583
Entering Leg	0	0	0	1	1	2	0	2	0	0	0	2	2	0	0	0	1	3	7
Exiting Leg						2						2						3	7
Total						4						4						6	14

PDI File #: **217935 C**
Location: **N: #650 Public Storage Driveway**
Location: **E: Eastern Avenue (Route 60) W: Eastern Avenue (Route 60)**
City, State: **Malden, MA**
Client: **VHB/ M. Kealey**
Site Code: **52739**
Count Date: **Thursday, May 6, 2021**
Start Time: **4:00 PM**
End Time: **6:00 PM**
Class:

PRECISION DATA INDUSTRIES, LLC
157 Washington Street, Suite 2
Hudson, MA 01749
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Pedestrians

	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
4:00 PM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	8	2	10	11
4:15 PM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2	3
4:30 PM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	11	11	12
4:45 PM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	2	3	4
Total	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	9	17	26	30
5:00 PM	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	5	0	5	9
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
5:30 PM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	6	8	14	15
5:45 PM	0	0	0	1	3	4	0	0	0	0	0	0	0	0	0	2	0	2	6
Total	0	0	0	1	8	9	0	0	0	0	0	0	0	0	0	13	11	24	33
Grand Total	0	0	0	1	12	13	0	0	0	0	0	0	0	0	0	22	28	50	63
Approach %	0	0	0	7.6923	92.308		0	0	0	0	0		0	0	0	44	56		
Total %	0	0	0	1.5873	19.048	20.635	0	0	0	0	0	0	0	0	0	34.921	44.444	79.365	
Exiting Leg Total						13						0						50	63

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

5:00 PM	#650 Public Storage Driveway						Eastern Avenue (Route 60)						Eastern Avenue (Route 60)						
	from North						from East						from West						
	Right	Left	U-Turn	CW-EB	CW-WB	Total	Right	Thru	U-Turn	CW-SB	CW-NB	Total	Thru	Left	U-Turn	CW-NB	CW-SB	Total	Total
5:00 PM	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	5	0	5	9
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
5:30 PM	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	6	8	14	15
5:45 PM	0	0	0	1	3	4	0	0	0	0	0	0	0	0	0	2	0	2	6
Total Volume	0	0	0	1	8	9	0	0	0	0	0	0	0	0	0	13	11	24	33
% Approach Total	0.0	0.0	0.0	11.1	88.9		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	54.2	45.8		
PHF	0.000	0.000	0.000	0.250	0.500	0.563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.542	0.344	0.429	0.550
Entering Leg	0	0	0	1	8	9	0	0	0	0	0	0	0	0	0	13	11	24	33
Exiting Leg						9						0						24	33
Total						18						0						48	66

Parking Occupancy Counts (5/6/21)			
	Storage Facility #490	Storage Facility #650	Proposed Facility
7:00 AM	1	0	
7:15 AM	3	0	
7:30 AM	2	1	
7:45 AM	2	2	
8:00 AM	2	0	
8:15 AM	2	0	
8:30 AM	5	0	
8:45 AM	5	2	
9:00 AM	4	2	
MAX	**5**	**2**	
4:00 PM	5	4	
4:15 PM	7	4	
4:30 PM	8	4	
4:45 PM	7	1	
5:00 PM	6	2	
5:15 PM	1	2	
5:30 PM	1	2	
5:45 PM	1	3	
6:00 PM	2	4	
MAX	**8**	**4**	15
Area	125,388	99,440	89,690
Rate	0.064	0.040	0.167

ITE TRIP GENERATION WORKSHEET
(11th Edition, Updated 2021)

LANDUSE: Automobile Parts and Service Center
LANDUSE CODE: 942 Independent Variable ---
SETTING/LOCATION: General Urban/Suburban
JOB NAME: Arlington **FLOOR AREA (KSF):** 12.073
JOB NUMBER: 52816.00

WEEKDAY

RATES:

	# Studies	R^2	Total Trip Ends Average	Low	High	Independent Variable Range Average	Low	High	Directional Distribution Enter	Exit
DAILY	0	--	0.00	0.00	0.00	0	0.00	0	0%	0%
AM PEAK OF GENERATOR	6	0.65	2.83	1.93	5.74	17	7.19	40	56%	44%
PM PEAK OF GENERATOR	6	0.71	3.51	2.75	7.15	17	7.19	40	49%	51%
AM PEAK (ADJACENT ST)	6	--	2.25	1.20	5.30	17	7.19	40	66%	34%
PM PEAK (ADJACENT ST)	6	0.83	3.11	1.87	5.65	17	7.19	40	48%	52%

TRIPS:

	BY AVERAGE Total	Enter	Exit	BY REGRESSION Total	Enter	Exit
DAILY	n/a	n/a	n/a	n/a	n/a	n/a
AM PEAK OF GENERATOR	34	19	15	40	22	17
PM PEAK OF GENERATOR	42	21	22	49	24	25
AM PEAK (ADJACENT ST)	27	18	9	n/a	n/a	n/a
PM PEAK (ADJACENT ST)	38	18	20	41	20	21

SATURDAY

RATES:

	# Studies	R^2	Total Trip Ends Average	Low	High	Independent Variable Range Average	Low	High	Directional Distribution Enter	Exit
DAILY	2	--	23.72	15.87	28.20	31	23	40	50%	50%
PEAK OF GENERATOR	--	--	--	--	--	--	--	--	--	--

TRIPS:

	BY AVERAGE Total	Enter	Exit	BY REGRESSION Total	Enter	Exit
DAILY	286	143	143	n/a	n/a	n/a
PEAK OF GENERATOR	n/a	n/a	n/a	n/a	n/a	n/a

SUNDAY

RATES:

	# Studies	R^2	Total Trip Ends Average	Low	High	Independent Variable Range Average	Low	High	Directional Distribution Enter	Exit
DAILY	2	--	11.88	2.59	17.18	31	23	40	50%	50%
PEAK OF GENERATOR	--	--	--	--	--	--	--	--	--	--

TRIPS:

	BY AVERAGE Total	Enter	Exit	BY REGRESSION Total	Enter	Exit
DAILY	143	72	72	n/a	n/a	n/a
PEAK OF GENERATOR	n/a	n/a	n/a	n/a	n/a	n/a

ITE TRIP GENERATION WORKSHEET
(11th Edition, Updated 2021)

LANDUSE: Mini Warehouse
LANDUSE CODE: 151
LOCATION: General Urban / Suburban
JOB NAME:
JOB NUMBER:

Independent Variable --- 1,000 Sq. Feet Gross Floor Area

FLOOR AREA (KSF): 95.706

WEEKDAY

RATES:

	# Studies	R^2	Total Trip Ends			Independent Variable Range			Directional Distribution	
			Average	Low	High	Average	Low	High	Enter	Exit
DAILY	16	--	1.45	0.38	3.25	55	7.5	101	50%	50%
AM PEAK OF GENERATOR	11	--	0.18	0.07	0.79	66	7.5	114	51%	49%
PM PEAK OF GENERATOR	16	--	0.18	0.06	1.05	56	7.5	114	51%	49%
AM PEAK (ADJACENT ST)	13	--	0.09	0.04	0.17	70	27	114	59%	41%
PM PEAK (ADJACENT ST)	18	--	0.15	0.02	0.64	59	7.5	114	47%	53%

TRIPS:

	BY AVERAGE			BY REGRESSION		
	Total	Enter	Exit	Total	Enter	Exit
DAILY	139	69	69	N/A	N/A	N/A
AM PEAK OF GENERATOR	17	9	8	N/A	N/A	N/A
PM PEAK OF GENERATOR	17	9	8	N/A	N/A	N/A
AM PEAK (ADJACENT ST)	9	5	4	N/A	N/A	N/A
PM PEAK (ADJACENT ST)	14	7	8	N/A	N/A	N/A

SATURDAY

RATES:

	# Studies	R^2	Total Trip Ends			Independent Variable Range			Directional Distribution	
			Average	Low	High	Average	Low	High	Enter	Exit
DAILY	6	0.57	1.77	1.21	3.29	43	20	87	50%	50%
PEAK OF GENERATOR	3	--	0.17	0.04	0.31	90	71	114	62%	38%

TRIPS:

	BY AVERAGE			BY REGRESSION		
	Total	Enter	Exit	Total	Enter	Exit
DAILY	169	85	85	129	64	64
PEAK OF GENERATOR	16	10	6	N/A	N/A	N/A

SUNDAY

RATES:

	# Studies	R^2	Total Trip Ends			Independent Variable Range			Directional Distribution	
			Average	Low	High	Average	Low	High	Enter	Exit
DAILY	5	--	1.50	0.69	3.70	40	20	87	50%	50%
PEAK OF GENERATOR	2	--	0.20	0.16	0.23	79	71	87	45%	55%

TRIPS:

	BY AVERAGE			BY REGRESSION		
	Total	Enter	Exit	Total	Enter	Exit
DAILY	144	72	72	N/A	N/A	N/A
PEAK OF GENERATOR	19	9	11	N/A	N/A	N/A

Customer Visits - CubeSmart

171 Bear Hill Road, Waltham, MA

111,921 Square Feet

Total Number of Customers per Month (Broken Down by Day)													
Day	April 2020	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	February 2021	March 2021	Total
Sunday	20	46	67	71	144	95	70	114	76	108	53	76	940
Monday	8	40	74	71	113	76	61	64	72	53	53	75	760
Tuesday	17	36	85	69	95	117	56	68	94	55	41	79	812
Wednesday	23	40	50	94	83	97	59	69	87	53	59	67	781
Thursday	16	44	60	94	74	85	93	46	56	51	65	66	750
Friday	11	42	57	97	122	75	80	60	61	67	51	64	787
Saturday	29	58	68	91	168	98	118	89	70	124	60	90	1063
Total	**124**	**306**	**461**	**587**	**799**	**643**	**537**	**510**	**516**	**511**	**382**	**517**	**5,893**

Average Number of Customers per Day													
Day	April 2020	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	February 2021	March 2021	Total
Sunday	5.0	9.2	16.8	17.8	28.8	23.8	17.5	22.8	19.0	21.6	13.3	19.0	18.1
Monday	2.0	10.0	14.8	17.8	22.6	19.0	15.3	12.8	18.0	13.3	13.3	15.0	14.6
Tuesday	4.3	9.0	17.0	17.3	23.8	23.4	14.0	17.0	18.8	13.8	10.3	15.8	15.6
Wednesday	4.6	10.0	12.5	18.8	20.8	19.4	14.8	17.3	17.4	13.3	14.8	13.4	14.7
Thursday	3.2	11.0	15.0	18.8	18.5	21.3	18.6	11.5	11.2	12.8	16.3	16.5	14.4
Friday	2.8	8.4	14.3	19.4	30.5	18.8	16.0	15.0	15.3	13.4	12.8	16.0	15.1
Saturday	7.3	11.6	17.0	22.8	33.6	24.5	23.6	22.3	17.5	24.8	15.0	22.5	20.4
Total (Per Day)	**4.1**	**9.9**	**15.4**	**18.9**	**25.8**	**21.4**	**17.3**	**17.0**	**16.6**	**16.5**	**13.6**	**16.7**	**16.1**

Proposed Self-Storage Facility

34 Dudley Street



Arlington Redevelopment Board
Presentation Introduction

- Introduction
  - VHB
    - Eric Gerade, PE LEED AP – Project Manager/Civil Engineer
    - Matthew Kealey, PE, PTOE - Traffic Engineer
  - Premier Storage Investors
    - James “Pete” Williams – President
  - Robert Annese, Esq.
  - Michael Parker Studios
    - Jan Bryan, NCARB, - Architect
- Proposed Project
  - 95,700 SF Self-Storage Building (5-Story)

Discussion Points

- Current Project Status / Reviews & Coordination
  - Arlington Conservation Commission
- Site Conditions
- Proposed Project & Site Improvements
- Proposed Project & Site Improvements
  - Site
  - Traffic
  - Architectural
- Summary & Conclusion

Project Status / Reviews & Coordination

- Current:
  - Arlington Conservation Commission – 1st Hearing (3/3/2022)
  - Arlington Redevelopment Board (3/28/2022)
  - Planning Dept. Coordination
  - Engineering Dept. Coordination
- Project Required
  - Town of Arlington
    - Redevelopment Board (Special Permit)
    - Conservation Commission (Order of Conditions)

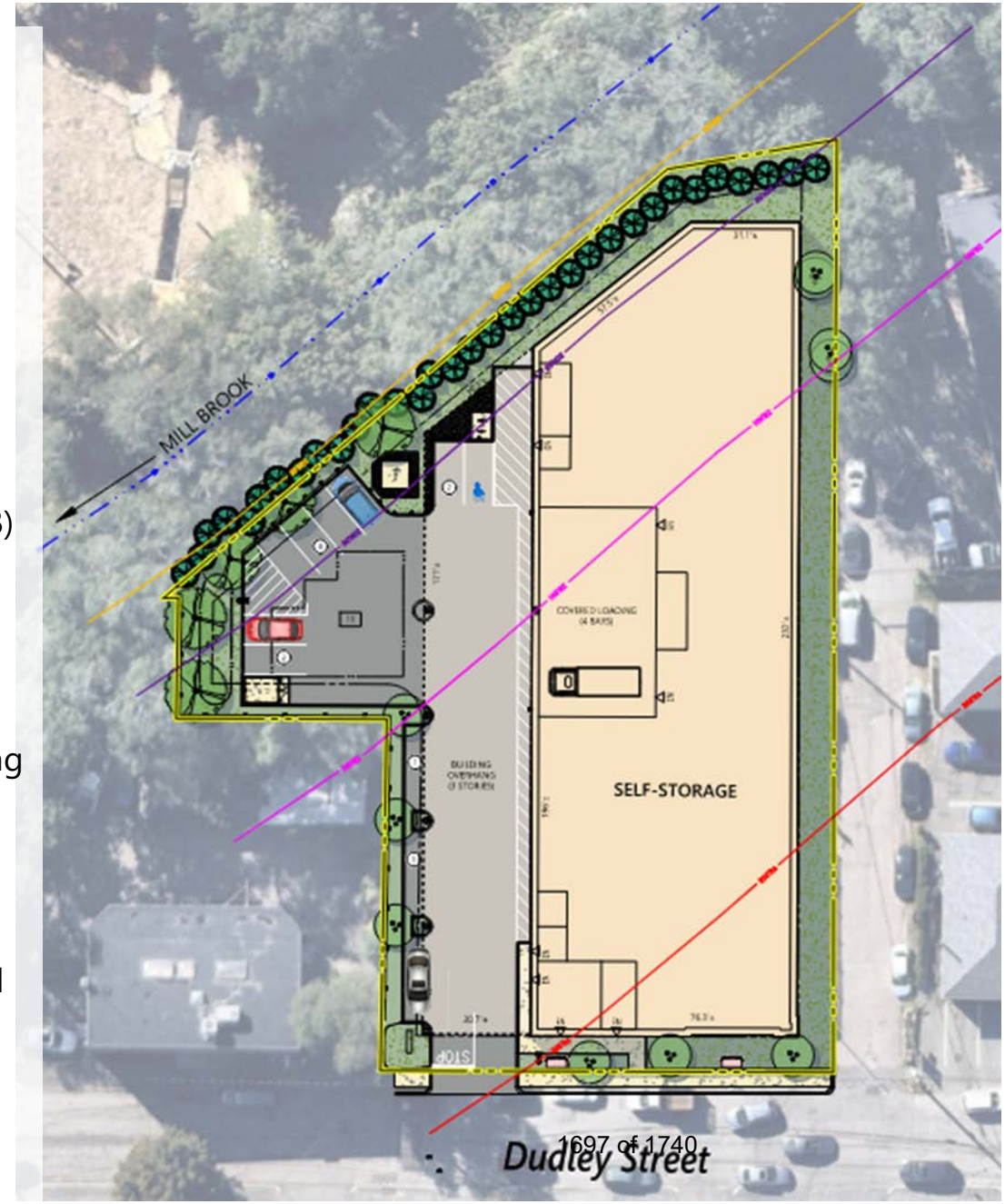
Current Site Conditions

- 34 Dudley Street
  - 0.78- Acres
  - Primarily Autobody Repair Shop (11,000 SF±)
  - Zoned Industrial (I)
- Previously developed, very little open space
- Mill Brook Resource Areas
- Encroachment into Town Owned Land
- Non-conforming setbacks



Proposed Project & Site Improvements

- Self-Storage Building
  - 95,700 SF
  - 5-Stories
  - Close an existing curb cut
- Site Improvements
  - 11 New Parking Spaces (requesting a reduction from ARB)
  - Pedestrian Amenities along frontage
  - Landscape – reduced impervious
  - Enclosed Loading Facilities
  - Covered / Enclosed Bicycle Parking
  - Enclosed Dumpster Area
- Utilities
  - Underground
  - Reduced Water & Sewer Demand
  - Stormwater Management
    - MassDEP Stormwater Regs
    - Subsurface Infiltration Basin
    - Bioretention Basin







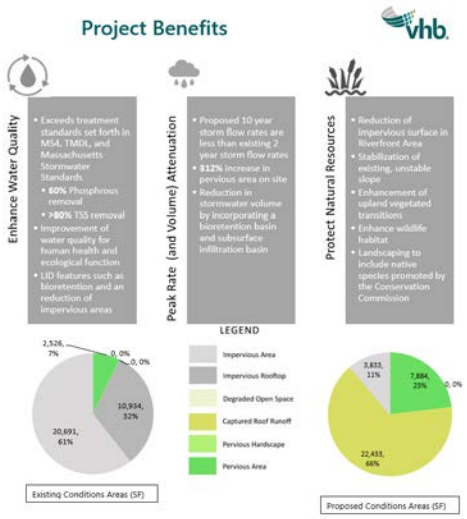
SELF STORAGE
Arlington, MA
February 09, 2022
VIEW 1
michael parker studios

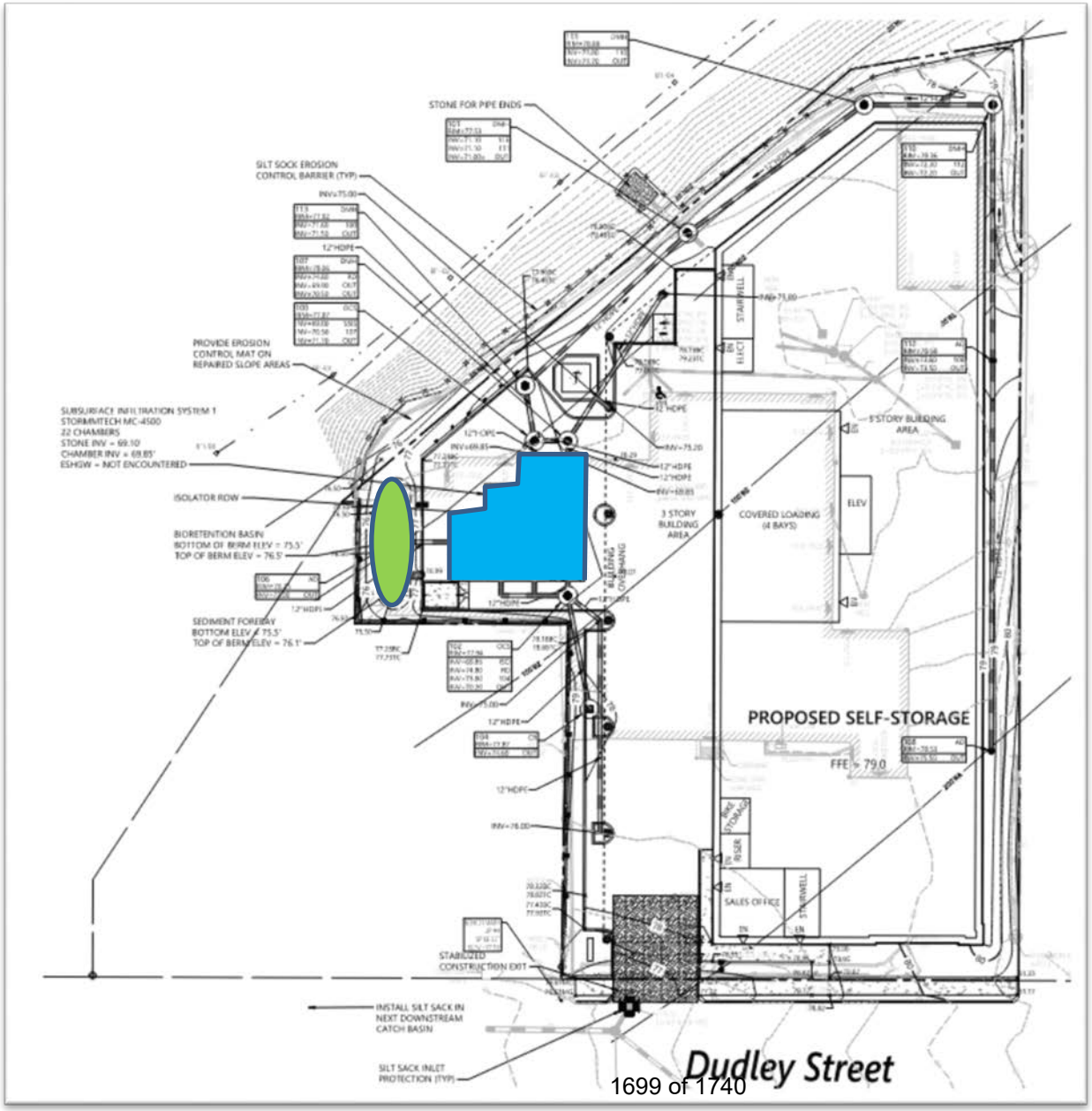




Stormwater Management

- Water Quality (0.5” WQV)
- Pretreatment
- Final Treatment
  - Subsurface Infiltration
  - Bioretention Basin
- Recharge
- Peak Rate Reduction
- O&M Plan
- Erosion & Sedimentation Control Plan





Traffic Discussion

- Trip Generation
  - ITE Rates
  - Empirical Data
  - Decrease in traffic
- Vehicle Parking
  - 96 per Zoning
  - 11 Surface, 4 Loading
  - Study Data – 8 needed
- Bicycle Parking
  - 134 required per zoning (57 Short, 77 Long)
  - 11 Provided (more than adequate for use)
- Transportation Demand Management (TDM)
  - Pay a stipend to workers without cars
  - Provide preferential parking for carpooling vehicles
  - Provide covered bicycle parking and storage

Table 1 : Trip Generation Comparison

	Vehicle Trips		
	Current Use[1]	Self-storage Use[2]	Difference
Weekday AM			
Enter	18	5	-13
Exit	9	4	-5
Total	**27**	**9**	**-18**
Weekday PM			
Enter	18	7	-11
Exit	20	8	-12
Total	**38**	**15**	**-23**

[1] Institute of Transportation Engineers (ITE) Trip Generation, Land Use Code 942 (Automobile Care Center) for 12,073 sf
[2] Institute of Transportation Engineers (ITE) Trip Generation, Land Use Code 151 (Mini-Warehouse) for 95,706 sf

Parking Summary Chart

Description	Size Required	Size Provided	Spaces Required	Spaces Provided
STANDARD SPACES	8.5 x 18	8.5 x 18	96	7
PARALLEL SPACES	8 x 22	8 x 22	0	3
ACCESSIBLE SPACES*	8 x 18	8.5 x 18	-	1
TOTAL SPACES			96	11
LOADING BAYS**			3	4
BICYCLE SPACES***			134	11

* ADA/STATE/LOCAL REQUIREMENTS. (1 ACCESSIBLE SPACE PER 1-25 TOTAL PARKING SPACES) PER § 208.2 OF 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
** LOADING BAYS: THREE BAYS FOR BETWEEN 40,001 SF AND 120,000 SF
*** BICYCLE PARKING REQUIRED BASED ON 0.8/1,000 SF LONG TERM AND 0.6/1,000 SF SHORT TERM PARKING. 4 BICYCLE SPACES ARE PROVIDED BY TWO RACKS UNDER THE BUILDING OVERHANG. 6 BICYCLE SPACES ARE PROVIDED WITHIN THE COVERED LOADING AREA. EMPLOYEE BICYCLE STORAGE WILL BE PROVIDED WITHIN A TENANT STORAGE UNIT THE BUILDING (1 SPACE MINIMUM).

WAIVERS REQUESTED FOR REDUCTION IN REQUIRED PARKING SPACES AND REDUCTION IN REQUIRED BICYCLE SPACES.

Parking Requirements:

STORAGE	95,706 SF	x	1 SPACES	/	1,000 SF	= 96 SPACES
			TOTAL PARKING REQUIRED			= 96 SPACES

Bicycle Parking Requirements:

SHORT TERM	95,706 SF	x	0.60 SPACES	/	1,000 SF	= 57 SPACES
LONG TERM	95,706 SF	x	0.80 SPACES	/	1,000 SF	= 77 SPACES
			TOTAL BICYCLE PARKING REQUIRED			= 134 SPACES

Architectural





Summary & Conclusion

- In Review
  - Project Status / Reviews & Coordination
  - Current Site Conditions
  - Proposed Project & Site Improvements

Town of Arlington, Massachusetts

Department of Planning & Community Development

730 Massachusetts Avenue, Arlington, Massachusetts 02476

Public Hearing Memorandum

The purpose of this memorandum is to provide the Arlington Redevelopment Board and public with technical information and a planning analysis to assist with the regulatory decision-making process.

To: Arlington Redevelopment Board

From: Jennifer Raitt, Secretary Ex Officio

Subject: Environmental Design Review, 34 Dudley Street, Arlington, MA, Docket #3690

Date: March 24, 2022

I. Docket Summary

This is an application by PSI Atlantic Holdings VII, LLC, 530 Oak Court Drive, Memphis, TN, 38177 for 34 Dudley Street, LLC, 34 Dudley Street, Arlington, MA to open Special Permit Docket #3690 for the construction of a self-service storage facility containing between 740 and 780 storage units at 34 Dudley Street, Arlington, MA in the I Industrial District. The opening of the hearing is to allow the Board to review and approve the development under Section 3.4, Environmental Design Review Special Permit of the Arlington Zoning Bylaw.

The proposed building is a five-story, 58-foot tall, 95,706 square foot self-service storage structure. The facility would be staffed from 8:30am to 6:00pm Monday through Friday, with customer access between 6:00am and 10:00pm seven days per week. The facility would have four loading spaces, and 11 parking spaces provided in a surface parking lot. The Applicant is requesting relief from the number of required vehicular and bicycle parking spaces.

Materials submitted for consideration of this application:

- Application for EDR Special Permit, including an Environmental Impact Statement;
- Site photograph documenting existing conditions;

- Renderings of the proposed project, prepared by Premier Storage Investors and michael parker studios, dated February 9, 2022;
- Site Plans, prepared by VHB, dated February 9, 2022;
- Architectural plans and elevations, prepared by illuminate, dated February 9, 2022;
- Sign package, prepared by elro signs, dated December 20, 2021;
- Stormwater Report, prepared by VHB, dated February 2022;
- Stormwater Management System Operations and Maintenance Manual, prepared by VHB, dated February 2022;
- Stormwater Erosion and Sediment Control Plan, prepared by VHB, dated February 2022;
- LEED Scorecard and considerations, prepared by michael parker studios, dated February 15, 2022; and
- Trip generation and parking study, prepared by VHB, dated February 10, 2022.

II. Application of Special Permit Criteria (Arlington Zoning Bylaw, Section 3.3)

1. Section 3.3.3.A.
The use requested is listed as a Special Permit in the use regulations for the applicable district or is so designated elsewhere in this Bylaw.

A self-service storage facility is allowed by Special Permit in the I Industrial District. The Zoning Bylaw, in Section 5.6.1.B, indicates that the district allows uses requiring the manufacture, assembly, processing, or handling of materials which because of their traffic, noise, appearance, odor, or hazards would be disruptive to residential and other business uses. Other uses are allowed if they support the continuation of industrial uses in Arlington.

The Dudley Street industrial area, between Grove and Brattle Streets, is one of the larger industrial areas in Arlington. The I District spans from Grove Street at the Department of Public Works site to just northwest of Brattle Street. Directly south of the site are the Mill Brook and Wellington Park; to the north are the other industrial parcels with two-story buildings along Dudley Street, beyond which is the Minuteman Bikeway. To the east is a three-story commercial/office/warehouse building in the I District, and two three-story apartment buildings in the R5 District. Beyond Wellington Park to the south are the R5, B4, and R6 zoning districts.

The Board can find that this condition is met.

2. Section 3.3.3.B.
The requested use is essential or desirable to the public convenience or welfare.

The requested use is essential and desirable. The second goal in the Master Plan section on economic development is to "*Maximize the buildout potential of commercial and industrial properties*" (p. 10, 95). This proposal will 740 to 780 units of self-service

storage to Arlington. The town has one other self-service storage facility, which is located on Brattle Court. The next nearest self-service storage facilities are in Medford on Route 16 and Cambridge on Concord Avenue. The use would replace an auto body and auto repair facility.

The Board can find that this condition is met.

3. **Section 3.3.3.C.**
The requested use will not create undue traffic congestion or unduly impair pedestrian safety.

As discussed in more detail under the EDR Circulation Criteria, the Traffic Impact Analysis shows a net reduction in trips to the site. The site presently has two curb cuts. The Applicant is proposing to close one and replace it with a sidewalk as part of the redevelopment of the site and to meet site standards requirements in Section 5.2.6(D). The Applicant proposes replacing the sidewalk along the frontage of the parcel, and installing a stop sign and "STOP" lettering at the parking lot exit. Ingress and particularly egress to the site from Massachusetts Avenue via Grove Street may be challenging for larger vehicles, such as moving trucks, as that intersection lacks a traffic light. This is a current condition for the existing self-service storage facility on Brattle Court as well.

It is not expected that the proposed project will unduly impair pedestrian safety.

4. **Section 3.3.3.D.**
The requested use will not overload any public water, drainage or sewer system or any other municipal system to such an extent that the requested use or any developed use in the immediate area or in any other area of the Town will be unduly subjected to hazards affecting health, safety, or the general welfare.

The site is developed and currently predominantly impervious. The Applicant proposes to reduce the impervious area on the site from 31,460 square feet to 26,291 square feet (-5,169 square feet). The Stormwater Report by VHB indicates that standards have been met with the proposed stormwater design, which includes a bioretention basin and deep sump hooded catch basin to collect stormwater prior to discharging it into a subsurface infiltration basin with an isolator row to treat stormwater before it is released. In addition, a modest number of landscaped areas will be added to the site resulting in a reduction of impervious area and quantity of stormwater flowing from the site, and an erosion control seed mix and erosion control mat will be installed on sloped areas leading down to Mill Brook.

On March 3, 2022, the Applicant presented a Notice of Intent for the project to the Arlington Conservation Commission. The Commission noted the impacts within the Riverfront Area to Mill Brook, 100-foot Adjacent Upland Resource Area, and buffer zone to the bank of the brook. The Applicant agreed to comply with any operation and

maintenance conditions imposed by the Commission, add retainment trenches or berm at the limit of work to add to erosion controls during construction, and calculate the stormwater impacts using the NOAA+ standard. The Commission noted that the project would improve existing conditions on the site. The proposed project will improve, not overload, public utilities. The Board can find that this condition is met.

5. **Section 3.3.3.E.**
Any special regulations for the use as may be provided in the Bylaw are fulfilled.

As a condition of any decision for the requested size of the proposed development and the request to exceed the maximum height regulations, the Applicant will need to fulfill the requirements Section 5.6.2.D, which outlines development standards for new development or additions over 50% of the existing footprint. The Applicant proposes to address the standards as described below:

- Renewable Energy Installations: As shown on Sheet A-106, the roof structure will be solar ready, and will be coated with a white roofing membrane to reduce energy and reduce heat buildup.
- Yards: The principal façade is set back 10 feet from the front lot line. As described above, a stormwater management system will be introduced to the site.
- Transparency and Access: At least 50% of the Dudley Street façade is transparent at the ground floor, however the Applicant should consider improvements to the design treatment of the storefront to clearly define it as a principal entrance. Façades along the sides of the building have been articulated through variation in color and material. A connection to the sidewalk along Dudley Street from the primary entrance has been provided.
- Lighting: Site and building lighting is downcast and provides minimal light overspill onto the adjacent site. The Applicant has provided only one light along the front façade but should consider an additional light to illuminate the entire sidewalk for safety purposes.
- Pedestrian Amenities: Three shade trees (Pyramidal European Hornbeam) are proposed to line the front façade of the building, along with three 4-foot square planters and two benches. The second curb cut will be closed, and the sidewalk along Dudley Street will be reconstructed.
- Erosion and Sedimentation Control: An erosion control plan for all construction activity has been provided on sheets C1.01 and C2.01. Erosion control measures will be inspected weekly throughout construction activity and will remain in place until disturbed earth has been stabilized.
- Exceptions to Maximum Height Regulations: As the proposed building exceeds 39 feet or three stories, the Applicant must meet additional development standards. The residential buffer requirement does not apply to the Industrial District. Regarding sustainable roof infrastructure, the entire roof membrane is white and highly reflective. The Applicant has adequately described their plan to retain and treat 100% of stormwater on site.

Overall, the relationship between the primary entrance and the street insofar as design and lighting treatments could be improved. The Board can find that all other conditions are met.

6. **Section 3.3.3.F.**

The requested use will not impair the integrity or character of the district or adjoining districts, nor be detrimental to the health or welfare.

Although most of Dudley Street is in the Industrial District, many properties along the street present as single- or two-family buildings, with the exception of the three, three-story buildings to the east of 34 Dudley St. The proposed building departs from the typical residential-style architecture, presenting as a large warehouse with windows only on the front façade. Residential buildings in this district are preexisting nonconforming uses, as no residential uses are allowed by right or by Special Permit except for artist live/workspace, which requires a Special Permit. Compared to the four-story bank of windows, the front entry recedes into the surrounding white E.I.F.S. Attention should be given to drawing more attention to the principal entry through potentially an awning or other projection to protect the entry from inclement weather.

The building features wide, tall panels of pre-finished metal pencil rib panels along the front, side, and rear façades. The Applicant could consider additional architectural detailing along the left front façade and upper stories on the east and rear façades to break up the overall mass of the structure. Additionally, the rear façade will be visible from the adjacent Mill Book and Wellington Park. The Applicant could consider introducing windows or other architectural detailing along the rear façade to minimize the massing of the building. The Applicant could also consider moving from pre-finished metal to prefabricated masonry.

The Applicant is proposing a floor area ratio (FAR) of 2.81 and a height of five stories. The existing building's FAR is 0.32 and is one story in height. The Zoning Bylaw allows a maximum FAR of 3.0 and a height of five stories in this zoning district if the proposal meets the additional requirements outlined in Section 5.6.2.D(7). A highly reflective sustainable roof infrastructure element is proposed, and the Stormwater Report demonstrates the Applicant's plans to retain and treat 100% of stormwater on site.

While the proposed building is larger than most of the other buildings in the Industrial District along Dudley Street, it is also the first proposal received since 2021 Town Meeting voted to amend zoning in the Industrial District to allow increased heights, uses, and FAR, subject to development standards. The proposed building use is in keeping with other uses in the Industrial District and will not impair the integrity or character of the district or the adjoining districts and it will not be detrimental to health or welfare.

7. **Section 3.3.3.G.**
   The requested use will not, by its addition to a neighborhood, cause an excess of the use that could be detrimental to the character of said neighborhood.

   As described above, there is only one other self-service storage facility in Arlington, and very few located in adjacent communities. The use will not be in excess or detrimental to the character of the neighborhood. The Board can find this condition is met.

III. Environmental Design Review Standards (Arlington Zoning Bylaw, Section 3.4)

1. **EDR-1 Preservation of Landscape**
   The landscape shall be preserved in its natural state, insofar as practicable, by minimizing tree and soil removal, and any grade changes shall be in keeping with the general appearance of neighboring developed areas.

   The existing property is entirely impervious and there is no natural landscape to preserve with the building and impervious paving fully saturating the building lot. The Applicant proposes to replace approximately 5,169 square feet of impervious material with landscaped areas along the property lines. Along the street, three new shade trees will be planted, and three planter boxes will be introduced along the building perimeter. The Board can find that this condition is met.

2. **EDR-2 Relation of the Building to the Environment**
   Proposed development shall be related harmoniously to the terrain and to the use, scale, and architecture of the existing buildings in the vicinity that have functional or visible relationship to the proposed buildings. The Arlington Redevelopment Board may require a modification in massing so as to reduce the effect of shadows on the abutting property in an R0, R1 or R2 district or on public open space.

   There are a range of architectural styles in the vicinity. The proposed development is in the I Industrial District which is the dominant zoning district on Dudley Street. Building heights in the vicinity range from single-story to three-story. As the Town's Design Standards indicate, greater height in certain locations can be beneficial, however monolithic façade treatments and flat, blank façades are not permitted. While the "face" of the building visible from Wellington Park is actually the back of the building, additional treatments to diminish the impact of overall building height and appearance should be considered. Further, while the ground floor storefront and front façade meets transparency requirements, its relationship to Dudley Street could be improved. An overall improved building façade treatment addresses and minimizes the building massing would improve the relationship of the building to the environment.

3. **EDR-3 Open Space**
   All open space (landscaped and usable) shall be so designed as to add to the visual amenities of the vicinity by maximizing its visibility for persons passing by the site or

overlooking it from nearby properties. The location and configuration of usable open space shall be so designed as to encourage social interaction, maximize its utility and facilitate maintenance.

As noted above, while there is no landscaped or usable open space requirement in the Industrial District, because this Applicant is requesting to exceed the maximum height regulations, they are subject to Section 5.2.6(D). The proposal includes approximately 5,169 square feet of landscaped open space along property lines, which also provides a buffer between the site and the adjacent Mill Brook. Buffers are not required for Industrial District parcels that do not abut a residential district; however, they are included in this proposal to meet the site development standards. The Board can find that this condition is met.

4. **EDR-4 Circulation**

With respect to vehicular and pedestrian and bicycle circulation, including entrances, ramps, walkways, drives, and parking, special attention shall be given to location and number of access points to the public streets (especially in relation to existing traffic controls and mass transit facilities), width of interior drives and access points, general interior circulation, separation of pedestrian and vehicular traffic, access to community facilities, and arrangement of vehicle parking and bicycle parking areas, including bicycle parking spaces required by Section 6.1.12 that are safe and convenient and, insofar as practicable, do not detract from the use and enjoyment of proposed buildings and structures and the neighboring properties.

The proposed project includes 11 spaces for vehicles located in a surface parking lot, including one HP van space. An additional four loading bays are provided, bringing the vehicular parking total to 15. Three loading bays are required under Section 6.1.6. Short-term and long-term bicycle parking is provided. Improved sidewalks, curb cuts, and curb treatments are also proposed. Any such proposed improvements in the public right-of-way will require additional review and approval by the Engineering Division.

The parking requirement is for light manufacturing, which requires one space per 1,000 square feet of floor area. The parking required for this use totals 96 vehicular parking spaces. The business will employ two workers, with no more than two being on site at a given time; customers visit the site throughout the day and weekend but generate fewer trips overall than they do for other uses. As such, the Applicant is requesting a reduction in the number of parking spaces provided to 15 spaces per Section 6.1.5 of the Zoning Bylaw and proposes to implement the following three Transportation Demand Management (TDM) strategies to reduce demand for parking: pay a stipend to workers without cars; provide preferential parking for carpooling vehicles; and provide covered bicycle parking and storage. The Applicant should clarify how preferential parking for carpooling vehicles would be identified in the parking lot, and how they envision this being used at a self-service storage facility. The parking reduction, if granted, would require 24 parking spaces total rather than the 24 proposed by the Applicant.

Regarding meeting the long-term bicycle parking requirements, one interior employee bicycle parking space is provided, along with covered bicycle racks for six bikes inside the loading bay area. Four covered short-term bicycle parking spaces are provided at the rear of the parking lot. In comparison, the use requires 96 long term and 77 short-term bicycle parking spaces, therefore the Applicant has requested a reduction in the number of parking spaces provided as the characteristics of the use make the need for additional bicycle parking unlikely. The Board may wish to modify this requirement per Section 6.1.12(A).

Vehicle Parking Requirements		
Light Manufacturing	**Square footage**	**Total Parking Required**
1 space per 1,000 sq. ft.	95,706	96
Loading spaces	95,706	3
	Vehicle Parking	**Loading Spaces**
Total Required Parking	96	3
Total Required Parking after Section 6.1.5 Reduction	**24**	**3**
Total Proposed Parking	**11**	**4**
Bicycle Parking Requirements		
Use	**Short-Term Parking**	**Long-Term Parking**
Light Manufacturing	**77**	**96**
Total Required Bicycle Parking	**77**	**96**
Total Proposed Bicycle Parking	**4**	**7**

The proposed project has few employees and a low frequency of visitors; therefore, it is likely that the aggregate number of trips to this location will be reduced compared to the property's current use as the Traffic Impact Analysis claims. The Applicant's analysis of trip generation rates for similar sized self-service storage facilities in the region verifies that the average trips generated is fewer than the number of parking spaces provided on-site.

Additional safety measures are provided where the parking lot meets the sidewalk along Dudley Street: "STOP" lettering will be painted on the drive and a stop sign will be installed.

The Traffic Impact Analysis does not address the various ways to access Dudley Street. Access to the site from Massachusetts Avenue and Summer Street is provided via Grove and Brattle Streets. Due to a lack of signaling at the Massachusetts Avenue and Grove Street intersection, egress via Grove Street may be challenging, especially for larger trucks and vans. It may be appropriate for the ARB to request a trip distribution analysis to assess how people will access this site.

Overall, the ARB may want more detailed information regarding circulation around the site to adequately assess the proposal.

5. **EDR-5 Surface Water Drainage**

Special attention shall be given to proper site surface drainage so that removal of surface waters will not adversely affect neighboring properties or the public storm drainage system. Available Best Management Practices for the site should be employed, and include site planning to minimize impervious surface and reduce clearing and re-grading. Best Management Practices may include erosion control and stormwater treatment by means of swales, filters, plantings, roof gardens, native vegetation, and leaching catch basins. Stormwater should be treated at least minimally on the development site; that which cannot be handled on site shall be removed from all roofs, canopies, paved and pooling areas and carried away in an underground drainage system. Surface water in all paved areas shall be collected in intervals so that it will not obstruct the flow of vehicular or pedestrian traffic and will not create puddles in the paved areas. In accordance with Section 3.3.4., the Board may require from any Applicant, after consultation with the Director of Public Works, security satisfactory to the Board to ensure the maintenance of all stormwater facilities such as catch basins, leaching catch basins, detention basins, swales, etc. within the site. The Board may use funds provided by such security to conduct maintenance that the Applicant fails to do. The Board may adjust in its sole discretion the amount and type of financial security such that it is satisfied that the amount is sufficient to provide for any future maintenance needs.

The site development plan, Stormwater Report, Stormwater Management System Operations and Maintenance Manual, and Stormwater Erosion and Sediment Control Plan show a clear strategy to address, store, and treat stormwater from the site before releasing it Mill Brook and Dudley Street. This is an improvement over the existing conditions. The proposed design complies with the Town's current stormwater bylaw. Final design materials must be submitted for review and approval by the Town Engineer.

6. **EDR-6 Utilities Service**

Electric, telephone, cable TV, and other such lines of equipment shall be underground. The proposed method of sanitary sewage disposal and solid waste disposal from all buildings shall be indicated.

All new utility service will be underground. The Board can find that this condition is met.

7. **EDR-7 Advertising Features**

The size, location, design, color, texture, lighting and materials of all permanent signs and outdoor advertising structures or features shall not detract from the use and enjoyment of proposed buildings and structures and the surrounding properties.

The project site is in the Industrial Sign District. The proposal exceeds the total number of signs allowable by right. The Applicant submitted a sign package with a number of primary and incidental signs proposed:

- Sign 1: One wall sign with LED illuminated channel lettering located over the main entrance measuring 180 square feet;
- Sign 2: One wall sign with LED illuminated channel lettering located over the front side façade measuring 180 square feet;
- Sign 3: One non-illuminated wayfinding sign measuring 1.22 square feet pin-mounted over the primary entrance;
- Sign 4: One non-illuminated wayfinding sign measuring 3.97 square feet indicating the loading area;
- Sign 5: One illuminated freestanding monument sign measuring 23.8 square feet installed at the northeast corner of the site near the intersection of Dudley Street and the driveway. One ADA entrance plaque measuring 0.25 square feet; and
- Signs 6-8: Additional parking lot signage to indicate carpool and HP parking spots, and a stop sign at the egress to Dudley Street.

Per Section 6.2.1(E), non-illuminated signs providing incidental information regarding directions to services and facilities are allowed, provided they do not exceed an aggregate of six square feet in sign area, therefore signs three and four are allowed by right. Per the same section, signs intended to be readable from within a parking area but not readable beyond the boundaries of the lot or parcel upon which they are located are allowed, therefore signs six through eight are permitted. Per Section 6.2.2(C), the ARB may grant a Special Permit to allow more than the number of signs or signs exceeding the dimensional maximums allowed, "provided the architecture of the building, the location of the building relative to the street, or the nature of the use being made of the building is such that an additional sign or signs of a larger size should be allowed in the public interest."

In terms of sign area, the two wall signs total 360 square feet, exceeding the maximum 40 square feet per business allowed in the Industrial Sign District. The height of both wall signs is higher than 25 feet above grade, exceeding the maximum wall sign height allowed in Section 6.2.5(D)(10). Sign 5, the freestanding monument sign, complies with the maximum dimensional sign area of 24 square feet and height, however monument signs must be non-illuminated or externally illuminated, therefore the proposed illumination is not permitted. Sign 5 is set back to the required setback of 5 feet from the property line.

Overall, the aggregate square footage of signage exceeds what is allowed per Section 6.2.5(D)(10) by 320 square feet. The Applicant has not proposed any window signage, however any intended signage including hours of operation and logos on entryways

needs to be included in the sign package. Any additional window signage or incidental signage would add to the excess of the six feet of allowed incidental signage.

8. **EDR-8 Special Features**

Exposed storage areas, exposed machinery installations, service areas, truck loading areas, utility buildings and structures, and similar accessory areas and structures shall be subject to such setbacks, screen plantings or other screening methods as shall reasonably be required to prevent their being incongruous with the existing or contemplated environment and the surrounding properties.

The roofing plan provided indicates that roof structures are appropriately set back and that a parapet will provide screening of said structures. The site plan shows an enclosed dumpster area located in the surface parking. The location of recycling areas has not been provided. An excess of loading areas has been provided due to the nature of the use.

9. **EDR-9 Safety**

With respect to personal safety, all open and enclosed spaces shall be designed to facilitate building evacuation and maximize accessibility by fire, police and other emergency personnel and equipment. Insofar as practicable, all exterior spaces and interior public and semi-public spaces shall be so designed to minimize the fear and probability of personal harm or injury by increasing the potential surveillance by neighboring residents and passersby of any accident or attempted criminal act.

The proposed building has been designed to meet all relevant health and safety codes. A lighting plan was provided as part of the plan set; however, the Applicant should consider providing additional lighting along the sidewalk in front of the building. Additionally, as customer access hours extend beyond the hours during which the building will be staffed, the Applicant should provide additional details regarding site security measures to assess safety criteria.

10. **EDR-10 Heritage**

With respect to Arlington's heritage, removal or disruption of historic, traditional or significant uses, structures or architectural elements shall be minimized insofar as practical whether these exist on the site or on adjacent properties.

The existing structure is not listed on the *Inventory of Historically or Architecturally Significant Properties in the Town of Arlington* nor is it under the jurisdiction of the Arlington Historical Commission. As such, the site contains no historic, traditional, or significant uses, structures, or architectural elements. The Board can find that this condition is met.

11. **EDR-11 Microclimate**

With respect to the localized climatic characteristics of a given area, any development which proposes new structures, new hard surface, ground coverage or

the installation of machinery which emits heat, vapor or fumes shall endeavor to minimize insofar as practicable, any adverse impacts on light, air and water resources or on noise and temperature levels of the immediate environment.

Based upon materials provided in the application, there will be no adverse impacts on air and water resources or on temperature levels of the immediate environment. The Board can find that this condition is met.

12. EDR-12 Sustainable Building and Site Design

Projects are encouraged to incorporate best practices related to sustainable sites, water efficiency, energy and atmosphere, materials and resources, and indoor environmental quality. Applicants must submit a current Green Building Council Leadership in Energy and Environmental Design (LEED) checklist, appropriate to the type of development, annotated with narrative description that indicates how the LEED performance objectives will be incorporated into the project.

The proposed building generates a LEED score that demonstrates the building could be LEED platinum certified. The Board can find that this condition is met.

IV. Findings

The following findings are for the Board's consideration:

1. The ARB finds that the project is consistent with Environmental Design Review per Section 3.4 of the Zoning Bylaw.
2. The ARB finds that the project is consistent with the development standards for exceeding the maximum height regulations per Section 5.6.2.D(7).
3. The ARB finds that the parking reduction and TDM measures justify the parking reduction per Section 6.1.5.

V. Conditions

A. General

1. The final design, sign, exterior material, landscaping, and lighting plans shall be subject to the approval of the Arlington Redevelopment Board or administratively approved by the Department of Planning and Community Development. Any substantial or material deviation during construction from the approved plans and specifications is subject to the written approval of the Arlington Redevelopment Board.

2. Any substantial or material deviation during construction from the approved plans and specifications is subject to the written approval of the Arlington Redevelopment Board.

3. The Board maintains continuing jurisdiction over this permit and may, after a duly advertised public hearing, attach other conditions or modify these conditions as it deems appropriate in order to protect the public interest and welfare.

4. Snow removal from all parts of the site, as well as from any abutting public sidewalks, shall be the responsibility of the owner and shall be accomplished in accordance with Town Bylaws.

5. Trash shall be picked up only on Monday through Friday between the hours of 7:00 am and 6:00 pm. All exterior trash and storage areas on the property, if any, shall be properly screened and maintained in accordance with Article 30 of Town Bylaws.

6. The Applicant shall provide a statement from the Town Engineer that all proposed utility services have adequate capacity to serve the development. The Applicant shall provide evidence that a final plan for drainage and surface water removal has been reviewed and approved by the Town Engineer.

7. Upon installation of landscaping materials and other site improvements, the Applicant shall remain responsible for such materials and improvement and shall replace and repair as necessary to remain in compliance with the approved site plan.

8. All utilities serving or traversing the site (including electric, telephone, cable, and other such lines and equipment) shall be underground.

9. Upon the issuance of the building permit the Applicant shall file with the Building Inspector and the Department of Community Safety the names and telephone numbers of contact personnel who may be reached 24 hours each day during the construction period.

10. Building signage will be filed with and reviewed and approved by the Department of Planning and Community Development and Inspectional Services.

B. Special Conditions

Drainage off of the site – meeting criteria re: outfall to Mill Street.
w
Rachel's List:

1. Continuing fencing along rear of site to eliminate light spill
2. Add more definition or articulation to the large white EFAS panel on the right side façade
3. Add plantings / shrubs along the side façade instead of grass
4. Add one additional indoor bike parking space

5. Eliminate monument sign
6. Look at bringing wall signs into compliance by reducing size (Kin suggested cutting size in half);
7. Consider relocating the Dudley Street façade from its current location to over the actual front entrance and/or provide an awning treatment or increasing glazing at the corner near the front entry to visually pull it from the façade.
8. Improve design and articulation of all all sides of the building – either through glazing, masonry, opening up rear diagonal wall of building, metal screening / industrial fabric / scrims. Consider capping the building or somehow breaking down the visual scale.
9. Provide a better rendering of the proposal from Wellington Park with more accurate vegetation / trees
10. Provide Board with a copy of the Phase 2 ground assessment for contamination
11. Moving outdoor short term bike parking toward front of parking area, closer to entrance
12. Moving HP accessible space closer to the entrance
13. Confirm whether limiting the size of trucks accessing the site to 24' is feasible or consistent with standard truck sizes
14. Reduce height of rear light pull from 14 feet to 12 feet (per Conservation Commission request)
15. Connect with Sustianability Manager re: solar panels on roof
16. Incorporate rain leaders or incorporate into design of the building
17. Demonstrate how you will meet the minimum parking requirement after the Board's allowable reduction (this would require 24 spaces)
18. Confirm that stormwater requirement (retain and treat 100% of stormwater on site) is being met or otherwise satisfied.

Response to comments by Friday, 4/22, Continued to 4/27

TOWN OF ARLINGTON, MASSACHUSETTS

ARLINGTON REDEVELOPMENT BOARD

DOCKET NO. 3690

34 DUDLEY STREEET, LLC, Petitioner	MEMORANDUM IN OPPOSITION TO APPLICATION FOR ENVIRONMENTAL DESIGN REVIEW SPECIAL PERMIT

BACKGROUND INFORMATION

This Memorandum is provided on behalf of **Gary R. Santini** and **Mark Santini**, Trustees of **Santini Realty Trust** ("Santini"), owners of the property at 26 Dudley Street (the "Santini Property"), a direct abutter to the Petitioner's proposed Project. The Santinis have owned the Santini Property since 1986. In addition to the Santini Property, the Santinis own the premises at 60 Dudley Street which houses their construction company, a business started in 1921, a residential property at 61 Dudley Street and they own and operate Arlington Self Storage at 4 Brattle Court, notwithstanding the Petitioner's assertion in its filing that Arlington does not have a "comparable storage facility". The Santini's objection to the proposed facility is not based on their ownership and operation of Arlington Self Storage, but rather primarily on the adverse effects that the proposed facility will have on the Santini Property (including the potential shadowing effects on it), the building mass of the Project, the potential shadowing effects on other abutting property and increased traffic congestion and parking on Dudley Street.

TRAFFIC AND PARKING ON DUDLEY STREET

The Santinis have owned their properties on Dudley Street for decades. They are intimately familiar with the ongoing and frequent traffic congestion on Dudley Street, having experienced it daily. The Santinis believe that the traffic study submitted by the Petitioner drastically understates the expected traffic volumes that will be produced were the Project constructed and thus the negative and serious effect it will have on the other, existing commercial and residential uses on Dudley Street. The Santinis strongly urge that the Board require an independent, peer traffic study and analysis prior to approving the Project. In order to grant a special permit, the Board must find that "The requested use will not create undue traffic congestion or unduly impair pedestrian safety". The Santinis believe and aver that

requiring an independent peer traffic study and analysis is integral to the ability to make the required finding.

SHADOWING AND RELATED IMPACTS

There are a number of places in the Zoning By-Law that require "shadowing" to be considered. Even though Dudley Street is not in a residential zone (although there are a number of residential structures and uses on the Street), the Petitioner's property appears to abut an RO zone and public open space adjacent to the Mill Brook. The Board should require under Section 3.4.4 B., or generally, given the height and mass of the proposed building, appropriate shadowing studies for the Project, especially in light of the requirement that it be "solar ready".

CIRCULATION

Section 3.3.4 D. provides: "*Circulation. With respect to vehicular, pedestrian and bicycle circulation, including entrances, ramps, walkways, drives, and parking, special attention shall be given to location and number of access points to the public streets (especially in relation to existing traffic controls and mass transit facilities), width of interior drives and access points, general interior circulation, separation of pedestrian and vehicular traffic, access to community facilities, and arrangement of vehicle parking and bicycle parking areas, including bicycle parking spaces required by Section 6.1.12 that are safe and convenient and, insofar as practicable, do not detract from the use and enjoyment of proposed buildings and structures and the neighboring properties.*"

The Santinis urge the Board to carefully consider how the proposed use, especially in light of the size of the proposed building and number of requested storage units, can meet the above standards, especially as they might negatively affect vehicular and pedestrian traffic to and from the facility and the neighboring properties.

REQUIRED PARKING

The proposed building contains 96,000 square feet. The Zoning By-Law requires 1 space per 1,000 square feet of gross floor area or, in this case, 96 spaces. The Santinu's existing self-storage facility meets this requirement. In their experience, that ratio establishes a number of spaces that may be needed during peak days, hours and times of the year, such as in late summer when people often are moving (leases often run from September to September) or when college students are returning from college in May and going back to school in late summer. During those times the required spaces are needed. Any reliance on a reduced (especially to 25% under the authority provided to the Board under Section 6.1.5) number of spaces will, based on the experience at Arlington Self Storage, result in the spaces provided

not meeting actual demand during peaks hours, days and times of year. This will result in customers parking on Dudley Street or in front of or on abutting and adjacent properties. A reduction for a self-storage use is not justified and will lead to street and neighborhood traffic congestion. Historically, to my clients' knowledge and belief all prior developments in the Industrial Zone have been required to meet the historical standard of 1 per 1,000 of gross floor area. That should be the standard required except in extraordinary and heavily documented and justified instances where relief might be appropriate.
It is important to note that although the Petitioner seeks a reduction to less than 25% of the required 96 spaces, no further reduction is possible as that further reduction can only occur in a Business, not an Industrial Zone.

In summary, for the reasons stated, the Board should require (1) an independent peer traffic and parking study and (2) shadowing studies before making any Decision on the requested Environmental Design Review Special Permit. In addition, the Board should require a redesign of the Project to accommodate a reasonable amount of customer and employee parking spaces, but in no event fewer than 25% of those dictated by any Project redesign. Alternatively, due to expected traffic and parking impacts on the neighborhood, the Board should simply deny the requested Environmental Design Review Special Permit.

Santini reserves the right to file further and supplementary responses in connection with any continued hearing in this matter.

Respectfully submitted,
Santini Realty Trust

By: _____
Thomas Wray Falwell, Esqure
Its attorney
Comins & Newbury LLP
9 Damonmill Square, Suite 4D
Concord, MA 01742
(978) 341-0222

Dated: March 28, 2022

From: Thomas W. Falwell
Sent: Wednesday, March 30, 2022 4:32 PM
To: Kelly Lynema <KLynema@town.arlington.ma.us>
Cc: Mark Santini (mark@santiniinc.com) <mark@santiniinc.com>; Gary Santini (gary@santiniinc.com) <gary@santiniinc.com>
Subject: RE: 34 Dudley Street

Thank you, Kelly. We will likely have substantive, supplemental opposition that we will file prior to the April deadline. In looking at the ARB website docket, I note the posting of the Department's Report to the Board dated March 24th. I have reviewed it at this time only briefly, but in the discussion about parking I note an apparent typographical error at the bottom of Page 7. It states: *"The parking reduction, if granted, would require 24 parking spaces total rather than the 24 proposed by the Applicant."* The applicant proposes 11 as set forth on the table on Page 8. You may wish to correct the report in that regard. In the report, the Department states: *"Exceptions to Maximum Height Regulations: As the proposed building exceeds 39 feet or three stories, the Applicant must meet additional development standards. The residential buffer requirement does not apply to the Industrial District."* I believe, however, that Section 5.3.19 Reduced Height Buffer Area does apply. Will this be addressed?

I also note that although the applicant's presentation on the 28th is available by a link to it, our Memorandum in Opposition has not been uploaded and a link provided to it. Similarly, it appeared from the public comments that other responses and materials were provided to the Board (i.e. the photographs of the Route 2 garage showing alternative wall treatment to the applicant's proposal) but they as well are not posted with a link. Please explain why this has not been done.

Additional questions we would like to be included in the follow-up questions to be presented to the applicant are:

1. We assume that fill will be required at the rear of the site to raise the rear of the structure to conform to the present elevation at the front of the building. This would raise the rear of the building from the present grade and exacerbate the height and mass of the structure when viewed from the adjacent public spaces. Although I presume that is dealt with in the purview of the Conservation Commission in terms of filling within the buffer zone, I think it is relevant to the Board's deliberations (the issue was raised by one Board member). We would ask the applicant how high the rear of the building is being raised when measured from the present grade.
2. How will the Project be redesigned in order to provide not less than 25% of the parking spaces required under Section 6.1.4?
3. The applicant proposes to limit the length of trucks using the facility to 24 feet. Will the applicant provide an analysis that establishes that a 24' truck can make the turning radius in or out of the loading bays and when exiting on to Brattle Street when cars are often parked on both sides of the street, especially directly across from the facility?
4. Has the applicant's plan been reviewed and vetted by the Fire Department in terms of getting its equipment in and out of the site in the event of a fire?
5. How will the applicant keep customers from using the dumpster as they indicated it would only be for the building staff? The experience at Arlington Self Storage shows that customers frequently dispose of items after accessing their storage unit.
6. The applicant should be required to redo their traffic study and utilize the months of historical highest use. They used the months of lowest historic use, which were also compiled at the height of the pandemic. Their own figures from the Waltham facility illustrate that the average customers per day during peak months of use are in excess of 300% higher than in the months utilized.

Tom

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From: "Thomas W. Falwell" <Tfalwell@cominsnewbury.com>
To: Kelly Lynema <KLynema@town.arlington.ma.us>
Cc: "Mark Santini (mark@santiniinc.com)" <mark@santiniinc.com>, "Gary Santini (gary@santiniinc.com)" <gary@santiniinc.com>
Date: Thu, 31 Mar 2022 13:03:24 +0000
Subject: RE: 34 Dudley Street

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Good morning Kelly:

We note that I too was guilty of a typo, in my case in my email of yesterday. When I referred to Brattle Street in my proposed question #3, I meant, of course, to refer to Dudley, not Brattle Street.

Thank you.

Tom

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(978) 341-0655 (fax)

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From: Thomas W. Falwell
Sent: Wednesday, March 30, 2022 4:32 PM
To: Kelly Lynema <KLynema@town.arlington.ma.us>
Cc: Mark Santini (mark@santiniinc.com) <mark@santiniinc.com>; Gary Santini (gary@santiniinc.com) <gary@santiniinc.com>
Subject: RE: 34 Dudley Street

Thank you, Kelly. We will likely have substantive, supplemental opposition that we will file prior to the April deadline. In looking at the ARB website docket, I note the posting of the Department's Report to the Board dated March 24th. I have reviewed it at this time only briefly, but in the discussion about parking I note an apparent typographical error at the bottom of Page 7. It states: *"The parking reduction, if granted, would require 24 parking spaces total rather than the 24 proposed by the*

Applicant." The applicant proposes 11 as set forth on the table on Page 8. You may wish to correct the report in that regard. In the report, the Department states: *"Exceptions to Maximum Height Regulations: As the proposed building exceeds 39 feet or three stories, the Applicant must meet additional development standards. The residential buffer requirement does not apply to the Industrial District."* I believe, however, that Section 5.3.19 Reduced Height Buffer Area does apply. Will this be addressed?

I also note that although the applicant's presentation on the 28th is available by a link to it, our Memorandum in Opposition has not been uploaded and a link provided to it. Similarly, it appeared from the public comments that other responses and materials were provided to the Board (i.e. the photographs of the Route 2 garage showing alternative wall treatment to the applicant's proposal) but they as well are not posted with a link. Please explain why this has not been done.

Additional questions we would like to be included in the follow-up questions to be presented to the applicant are:

1. We assume that fill will be required at the rear of the site to raise the rear of the structure to conform to the present elevation at the front of the building. This would raise the rear of the building from the present grade and exacerbate the height and mass of the structure when viewed from the adjacent public spaces. Although I presume that is dealt with in the purview of the Conservation Commission in terms of filling within the buffer zone, I think it is relevant to the Board's deliberations (the issue was raised by one Board member). We would ask the applicant how high the rear of the building is being raised when measured from the present grade.
2. How will the Project be redesigned in order to provide not less than 25% of the parking spaces required under Section 6.1.4?
3. The applicant proposes to limit the length of trucks using the facility to 24 feet. Will the applicant provide an analysis that establishes that a 24' truck can make the turning radius in or out of the loading bays and when exiting on to Brattle Street when cars are often parked on both sides of the street, especially directly across from the facility?
4. Has the applicant's plan been reviewed and vetted by the Fire Department in terms of getting its equipment in and out of the site in the event of a fire?
5. How will the applicant keep customers from using the dumpster as they indicated it would only be for the building staff? The experience at Arlington Self Storage shows that customers frequently dispose of items after accessing their storage unit.
6. The applicant should be required to redo their traffic study and utilize the months of historical highest use. They used the months of lowest historic use, which were also compiled at the height of the pandemic. Their own figures from the Waltham facility illustrate that the average customers per day during peak months of use are in excess of 300% higher than in the months utilized.

Tom

Thomas Wray Falwell, Esquire
Comins & Newbury LLP
9 Damonmill Square, Suite 4D
Concord, MA 01742
(978) 341-0222
(978) 341-0655 (fax)

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From: Kelly Lynema <KLynema@town.arlington.ma.us>
Sent: Wednesday, March 30, 2022 10:34 AM
To: Thomas W. Falwell <Tfalwell@cominsnewbury.com>
Cc: Mark Santini (mark@santiniinc.com) <mark@santiniinc.com>; Gary Santini (gary@santiniinc.com) <gary@santiniinc.com>
Subject: RE: 34 Dudley Street

Hi Tom,

While the applicant will not be returning to the Board until 4/27, the sooner you can get the comments to us the more likely they will be able to respond to them as part of that hearing. However, if you only want to submit the questions/concerns as part of the public record for that hearing and want to ensure that Board members have time to review them prior to the hearing, then we will need them by Friday, April 22.

Thank you,

Kelly

Kelly Lynema, AICP
she/her/hers
Assistant Director
Department of Planning and Community Development
Town of Arlington
direct: 781-316-3096
klynema@town.arlington.ma.us

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From: "Thomas W. Falwell" <Tfalwell@cominsnewbury.com>
To: Kelly Lynema <KLynema@town.arlington.ma.us>
Cc: "Mark Santini (mark@santiniinc.com)" <mark@santiniinc.com>, "Gary Santini (gary@santiniinc.com)" <gary@santiniinc.com>
Date: Wed, 30 Mar 2022 14:01:43 +0000
Subject: RE: 34 Dudley Street

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Good morning Kelly:

I wondered about the timeline for the Department sending the “list” of questions/concerns to the applicant. We have several to propose and at least one question which I asked and that the Chair said would be addressed, but was not among those she listed on Monday. Thank you.

Tom

Thomas Wray Falwell, Esquire
Comins & Newbury LLP
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Concord, MA 01742
(978) 341-0222
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From: Kelly Lynema <KLynema@town.arlington.ma.us>
Sent: Monday, March 28, 2022 2:55 PM
To: Thomas W. Falwell <Tfalwell@cominsnewbury.com>
Cc: Mark Santini (mark@santiniinc.com) <mark@santiniinc.com>; Gary Santini (gary@santiniinc.com) <gary@santiniinc.com>
Subject: Re: 34 Dudley Street

Confirmed! Thank you, Tom. We will get this posted with tonight's agenda as correspondence received.

Kelly

Kelly Lynema, AICP
she/her/hers
Assistant Director
Department of Planning and Community Development
Town of Arlington
direct: 781-316-3096
klynema@town.arlington.ma.us

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> From: "Thomas W. Falwell" <Tfalwell@cominsnewbury.com>
> To: "klynema@town.arlington.ma.us" <klynema@town.arlington.ma.us>
> Cc: "Mark Santini (mark@santiniinc.com)" <mark@santiniinc.com>, "Gary Santini (gary@santiniinc.com)" <gary@santiniinc.com>
> Date: Mon, 28 Mar 2022 18:49:13 +0000
> Subject: 34 Dudley Street
>
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Kelly:

See attached PDF of a Memorandum of Opposition for filing and inclusion in the record for the above-captioned property and tonight's ARB public hearing. Please acknowledge receipt of the Opposition and post same to the Board's website as appropriate.

Please call or email me with any questions.

Thank you.

Tom

Thomas Wray Falwell, Esquire
Comins & Newbury LLP
9 Damonmill Square, Suite 4D
Concord, MA 01742
(978) 341-0222
(978) 341-0655 (fax)

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From: "Thomas W. Falwell" <Tfalwell@cominsnewbury.com>
To: Jenny Raitt <JRaitt@town.arlington.ma.us>, Kelly Lynema <KLynema@town.arlington.ma.us>
Cc: "Mark Santini (mark@santiniinc.com)" <mark@santiniinc.com>, "Gary Santini (gary@santiniinc.com)" <gary@santiniinc.com>, Gregg Santini <gregg@santiniinc.com>
Date: Thu, 21 Apr 2022 14:25:06 +0000
Subject: RE: 34 Dudley Street - Docket #3690

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Jenny:

Please see the attached Supplemental Memorandum in Opposition for filing and posting with respect to the pending application for an EDR Special Permit for the above-captioned property.

Please confirm receipt and call or email me with any questions.

Thank you.

Tom

Thomas Wray Falwell, Esquire
Comins & Newbury LLP
9 Damonmill Square, Suite 4D
Concord, MA 01742
(978) 341-0222
(978) 341-0655 (fax)

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TOWN OF ARLINGTON, MASSACHUSETTS

ARLINGTON REDEVELOPMENT BOARD

DOCKET NO. 3690

34 DUDLEY STREEET, LLC, Petitioner	SUPPLEMENTAL MEMORANDUM IN OPPOSITION TO APPLICATION FOR ENVIRONMENTAL DESIGN REVIEW SPECIAL PERMIT

BACKGROUND INFORMATION

This Supplemental Memorandum is provided on behalf of Gary R. Santini and Mark Santini, Trustees of Santini Realty Trust ("Santini"), owners of the property at 26 Dudley Street (the "Santini Property"), a direct abutter to the Petitioner's proposed Project. Santini restates and incorporates herein the opposition as set forth in their original Opposition Memorandum previously filed with the Board. Additionally, Santini provides further reasons for opposition to the proposed Project as follows:

STORMWATER MANAGEMENT

The present plans called for stormwater to be, in part, treated on site and then discharged into Mill Brook. Upon a review of the filed plans, it appears that at least some of the stormwater from the site is proposed to be directly discharged into the Mill Brook without treatment. Santini avers that such direct discharge is not allowed as a matter of law and applicable regulations. Furthermore, because the proposed building exceeds 3 stories and 39 feet in height, By-Law Section 5.6.2 (D)(7) requires that the project "retain and treat 100% of the stormwater on site". Therefore, the proposed Project, as currently proposed, does not meet the requirements of the Zoning By-Law.

TRAFFIC, PARKING AND IMPACTS ON DUDLEY STREET

Dudley Street is a relatively narrow street having, it is believed, an average paved width of approximately 25' feet. It is uncontroverted that during business hours there is traffic and congestion issues on Dudley Street with cars frequently parked on both sides of the street leaving only a single travel lane. These present conditions and the potential worsening of conditions as a result of the allowance and

construction of the proposed Project need to be taken into account and analyzed in connection with the updated traffic counts requested by the Planning Department of the Applicant in a March 29, 2022 email.

On related matters of concern, the Applicant has publicly stated that **only** trucks of 24' or less will be allowed to come to the facility. What is the plan to enforce that restriction? For instance, if not knowing this, a new customer comes to the facility in a truck greater than 24', how will they be dealt with? It is difficult to believe they will be summarily sent away.

Through the undersigned, Santini had previously requested the Department to have an analysis performed showing that a 24' vehicle (1) would be able to make the turning radius when entering or exiting the loading bays and (2) when entering and exiting the proposed facility onto Dudley Street, especially when vehicles are parked, as they often are, on both sides of the street. Has this been addressed with or by the Applicant?

Additionally, has the Arlington Fire Department been consulted as to whether the proposed facility, as presently designed, allows for the required access for its equipment in the event of a fire or other emergency to which it is called to respond? If so, what was the response? If not, will this be done before any decision is made on the pending application?

REQUIRED PARKING

The Department has, we note, in the March 29, 2022 email, requested the Applicant to address how it will meet the minimum vehicle parking requirement were the Board to agree to a reduction to 25% of the otherwise required parking. Santini repeats their concerns of the adequacy of the parking if the 75% reduction of the required parking is granted based on their own experience on Brattle Court during peak days, hours and times of the year. For example, in late summer when people often are moving or when college students are returning from college in May and going back to school in late summer, the demand for on-site parking is increased exponentially and will likely cause issues with an increase in parking on Dudley Street which, as previously noted, is now often congested. **It is interesting to note that for one of the facilities that the Applicant used in compiling its traffic counts, specifically the 490 Eastern Avenue, Malden site, the applicant was required to provide 39 spaces for a facility containing 884 storage units.**

BUILDING HEIGHT AND MASSING WHEN VIEWED FROM ABUTTING PUBLIC SPACES

Santini questions, as have others at the prior public hearing, the proposed height of the building in comparison with existing buildings on Dudley Street. The proposed facility would be essentially two stories higher than any other existing building on Dudley Street. This situation will be exacerbated, it is believed, by required fill on the rear of the lot, although the existing filings with the Board and with the

Conservation Commission do not appear to clearly address that circumstance Personal observation of the site would indicate that at the rear of the lot the existing elevation is, as an estimate, 6 or 7 feet lower than at Dudley Street. The building renderings submitted appear to show the building situated on a flat site. The applicant should be asked to address and clarify this discrepancy, to wit, is fill required on the rear of the site to raise the existing grade to the proposed, post-construction, finish grade? If so, where and to what height? If fill is, in fact, required, a Special Permit may be required under Sections 5.7.5(C) of the Zoning By-Law. There is no pending application under By-Law Section 5.7.6 for such Special Permit.

Additionally, if the answer is that the grade at the rear of the building is to be raised, this will further negatively impact the massing of the proposed building, its height when viewed from the abutting public spaces at Wellington Park and along the Mill Brook and lessen the effectiveness of the existing and proposed vegetative screening.

FAILURE OF APPLICATION TO INCLUDE ALL LANDOWNERS WHERE PROPOSED WORK IS TO BE DONE

The Applicant proposes to do work on Town owned land on the bank between the property and the adjacent Mill Brook. The Applicant has no preexisting right to enter upon and perform alterations to the Town owned land. As such, the Town (acting by the Board or Department under whose jurisdiction the land is) should be a co-applicant on the pending application. It is not, thus the application should be deemed incomplete and rejected.

In summary, for the reasons stated, the Board should require (1) an independent peer or updated traffic and parking study, (2) shadowing studies, (3) a reduction in the gross floor area of the proposed building to accommodate required parking under the By-Law or, if the Board is inclined to grant a reduction in parking, not less than 25% of the otherwise required spaces and (4) the Applicant should be required to appropriately and satisfactorily address the additional questions and issues raised by this Supplemental Opposition before making any Decision on the requested Environmental Design Review Special Permit.

Alternatively, the Board should simply deny the requested Environmental Design Review Special Permit due to a failure of the applicant to meet the required Environmental Design Review and Special Permit standards.

Santini reserves the right to file further and supplementary responses in connection with any continued hearing in this matter.

Respectfully submitted,
Santini Realty Trust

By: _____
Thomas Wray Falwell, Esqure
Its attorney
Comins & Newbury LLP
9 Damonmill Square, Suite 4D
Concord, MA 01742
(978) 341-0222

Dated: April 21, 2022

From: Wynelle Evans <evco7@rcn.com>
To: EBenson@town.arlington.ma.us, KLau@town.arlington.ma.us, mtintocalis@town.arlington.ma.us, srevilak@town.arlington.ma.us, rzsembery@town.arlington.ma.us
Cc: Jenny Raitt <JRaitt@town.arlington.ma.us>
Date: Thu, 24 Mar 2022 17:48:31 -0400
Subject: Correspondence and suggestion re: Docket #3690, 34 Dudley St.

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Dear Board Members and Director Raitt:

Please add this letter to the correspondence record for the Monday, March 28 ARB hearing on agenda item 2, the proposed self-storage project at 34 Dudley St.

Section II of the Board's memo on this project deals with the application of Special Permit criteria. The comments on Section 3.3.3.F note that "the rear façade will be visible from the adjacent Mill Book and Wellington Park. The Applicant could consider introducing windows or other architectural detailing along the rear façade to minimize the massing of the building. The Applicant could also consider moving from pre-finished metal to prefabricated masonry."

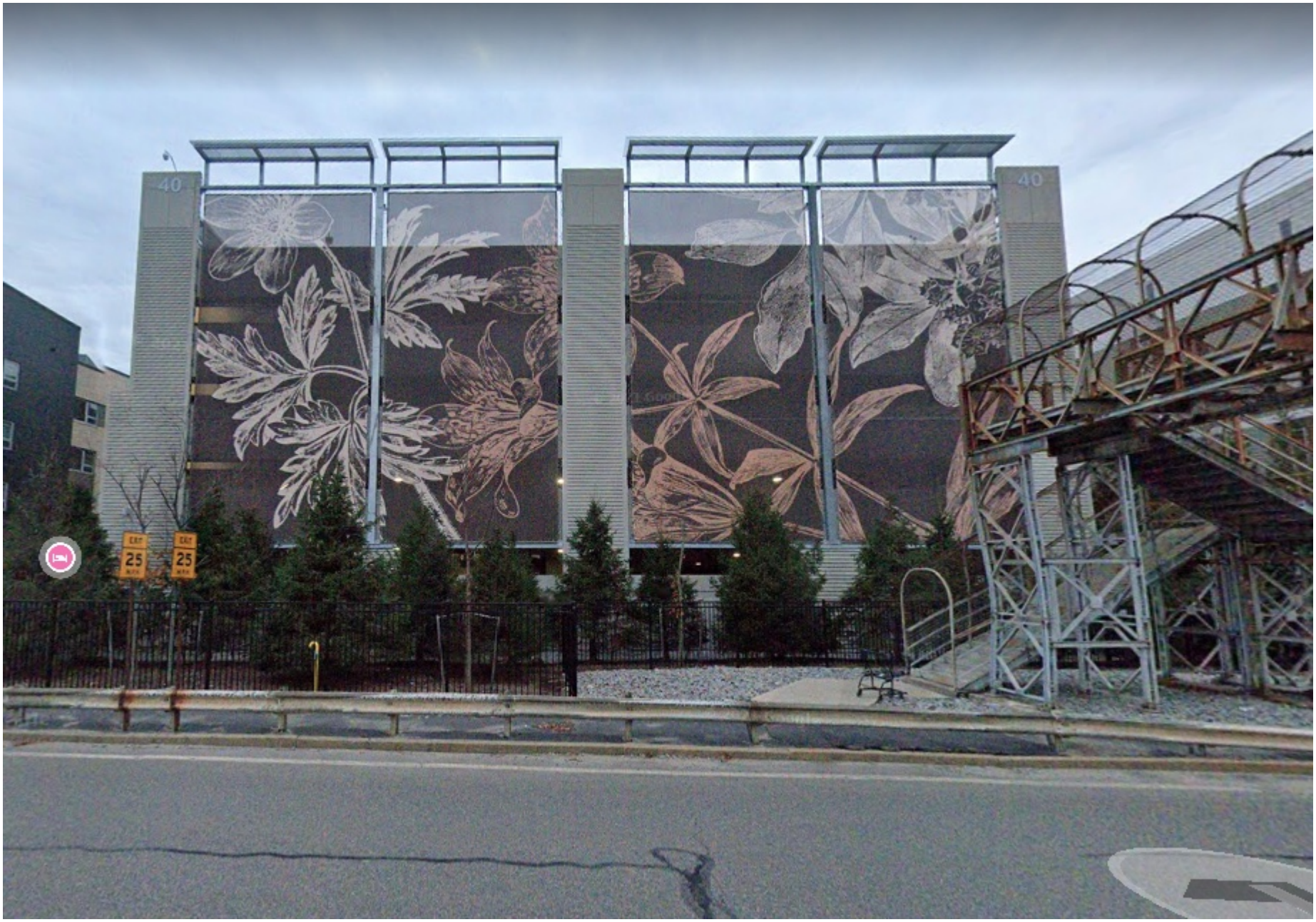
And in Section III, sub-section 2, dealing with EDR-2 standards, the Board further notes that "While the 'face' of the building visible from Wellington Park is actually the back of the building, additional treatments to diminish the impact of overall building height and appearance should be considered. Further, while the ground floor storefront and front façade meets transparency requirements, its relationship to Dudley Street could be improved. An overall improved building façade treatment addresses and minimizes the building massing would improve the relationship of the building to the environment."
Improving the appearance from Wellington Park by adding windows might be problematic for a self-storage faciity. But printed screening offers an idea for a simple approach to architectural detailing. The first two images below are of a nearby parking structure, located on the inbound side of Rt. 2, opposite Thorndike Field, between the Tempo 2 Cambridge apartment complex and the AC Marriott Hotel.
The bottom two image shows garages in Cleveland and Texas with tensile mesh screens, in appealing designs.
If applied to the rear facade of 34 Dudley St., a printed screen could hold any image, would not require washing as windows would, and would be a relatively simple and cost-effective element to incorporate into the design. The printed images could reference the Mill Brook, the flora and fauna in the area, the nature playground it will stand over, or any other compatible imagery.
To see more ideas and for some info:

https://flexfacades.com/materials/fabric-vs-metal-screening/
Please present these images during the discussion about the appearance of this building, for consideration by the Board and the design team.
Thank you!
Wynelle

Wynelle Evans
TMM pct. 14
20 Orchard Place
Arlington, MA 02476
781.643.4547 office
781.859.9291 mobile
evco7@rcn.com



1733 of 1740



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1736 of 1740

From: Steve Moore <sbm451@gmail.com>
To: jraitt@town.arlington.ma.us, mmuszynski@town.arlington.ma.us
Date: Thu, 31 Mar 2022 16:38:07 -0400
Subject: Questions for the Applicant Team of the 34 Dudley St. Proposed Redevelopment

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Dear ARB:

I asked a series of questions at the Monday night ARB meeting (3/28) regarding the development that has been proposed for 34 Dudley Street. I want to make sure that my questions are included in the record, and answered by a proponents of the development. The questions are largely for the company backer (the investor group), based in Tennessee:

1.) how many years has that company been in business?

2.) how many properties have they purchased and/or developed since the Inception of the company for the purpose of self-storage?

3.) how many of those purchases and developments that have occurred over the company's lifetime are still owned and controlled by that company?

4.) how many of those historical developments are still primarily purposed as self-storage?

5.) how does the developer plan to support the many and regular dumpster "emptyings" that are required for a temporary storage facility, most likely by trucks that are far larger than a 24 ft. moving van?

6.) what is, in detail, the plan for actively regulating and controlling any after-hour activity (once the staff leaves -- 5 PM?)?

7.) how will the developer force the customers to abide by a limit of the maximum truck size to 24 ft., as Dudley St. is too narrow (with parking) to handle anything bigger?

Thanks for your help,

Steve Moore
781-648-2479

From: Heather Bourne <heatherbo@gmail.com>
To: Rachel Zsembery <RZsembery@town.arlington.ma.us>
Cc: Jenny Raitt <JRaitt@town.arlington.ma.us>
Date: Mon, 11 Apr 2022 11:10:56 -0400
Subject: Re: Dudley St

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No thank you. I appreciate your acknowledgment of my comments!

Sent from my iPhone

> On Apr 11, 2022, at 8:40 AM, Rachel Zsembery <RZsembery@town.arlington.ma.us> wrote:
>
> Than you, Heather.
> Your comments have been received. Would you like them to be entered into record with the upcoming Redevelopment Board meeting materials?
>
> Thank you,
> Rachel Zsembery
> Chair - Arlington Redevelopment Board
>
> > From: "Town of Arlington, MA" <do-not-reply@town.arlington.ma.us>
> > To: "Zsembery, Rachel" <rzsembery@town.arlington.ma.us>
> > Date: 11 Apr 2022 01:41:23 +0000
> > Subject: Dudley St
> >
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> >
> > Message submitted from the <Town of Arlington> website.
> >
> > **Site Visitor Name:** Heather Bourne
> > **Site Visitor Email:** heatherbo@gmail.com
> >
> > 1738 of 1740
> >
> > Dear Ms Zsembery,

I am unable to attend the upcoming meeting but wish to voice my objection to the proposed self-storage facility at 34 Dudley St. With many possible alternative businesses that could make good use of the site and contribute to more in-town jobs and far greater vibrancy with workplaces such as high-tech or creative businesses, a five-story tall self-storage facility that towers over neighboring homes does not fit the area and seems to me to be a poor choice for our precious and limited redevelopment opportunities within our town borders.
Thank you for considering the community's concerns and opinions in how we shape the look and function of our town. Please do not approve such a project.
Respectfully,
Heather

From: "Town of Arlington, MA" <do-not-reply@town.arlington.ma.us>
To: "Tintocalis, Melisa" <mtintocalis@town.arlington.ma.us>
Date: 11 Apr 2022 01:40:10 +0000
Subject: Dudley St

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Message submitted from the <Town of Arlington> website.

Site Visitor Name: Heather Bourne
Site Visitor Email: heatherbo@gmail.com

Dear Ms Tintocalis,

I am unable to attend the upcoming meeting but wish to voice my objection to the proposed self-storage facility at 34 Dudley St. With many possible alternative businesses that could make good use of the site and contribute to more in-town jobs and far greater vibrancy with workplaces such as high-tech or creative businesses, a five-story tall self-storage facility that towers over neighboring homes does not fit the area and seems to me to be a poor choice for our precious and limited redevelopment opportunities within our town borders.
Thank you for considering the community's concerns and opinions in how we shape the look and function of our town. Please do not approve such a project.
Respectfully,
Heather